

Utah State Geographic Information Database (SGID) Users' Guide

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Utah Information Technology Services
Automated Geographic Reference Center





The Automated Geographic Reference Center (AGRC) at Utah Information Technology Services assists state and local government to effectively use geographic information in public policymaking and operations. To fulfill this mission, in part, AGRC provides public access to the databases listed in the Utah State Geographic Information Database (SGID) Users' Guide.

The Automated Geographic Reference Center's home page on the World Wide Web is <http://agrc.its.state.ut.us>. The site links to the data catalog, as well as to available dataset documentation and status maps, information about AGRC, data services and documentation standards.

For more information, paper or electronic copies of the Utah State Geographic Information Database (SGID) Users' Guide, e-mail Cindy Clark at agrcclark@gis.state.ut.us or call 801/537-9201.

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Utah State Geographic Information Database (SGID) Users' Guide

The Utah State Geographic Information Database (SGID) Users' Guide describes data sets offering a wealth of information about Utah's natural environment, its people and public service systems. The databases listed here are routinely used by the Automated Geographic Reference Center (AGRC) and others for a wide range of purposes, from helping to analyze water related land use for the Wasatch Front to making maps of the proposed wilderness areas. The AGRC has prepared this guide to help geographic data users identify and obtain the information they need.

Geographic data is information that can be mapped. Such data connects attributes that describe a certain condition, such as population, elevation or the width of a road, to that condition's location on the surface of the Earth. This data is used with GIS (geographic information systems) software applications used for spatial analysis.

Many functions of government require accurate, complete and current information about their jurisdictional property. For this reason, a wide variety of public data has been developed and maintained by federal, state and local government agencies. Academic institutions, businesses, nonprofit organizations and the general public also use this data. When properly gathered and organized, this data is readily shared, thereby minimizing the need for different organizations to invest in collecting the same information.

ORGANIZATION OF THE SGID USERS' GUIDE

The SGID Users' Guide organizes data into six categories: administrative and political boundaries, demographic, physical and biological, reference

systems, remote sensing and transportation and utilities. Each file entry in each category contains the description of the data, the essential information about the data's source, its original map scale if applicable, how much of the state is covered, the way the data is tiled, the SGID directory in which the file is found and the name of the file.

There are two tables of contents at the beginning of the guide that can be used to reference the SGID data. The first table of contents, [Data Layers by SGID Directories](#), lists the data by the SGID Directory that holds it. The list allows the user to move directly to a directory to obtain data. It is best used when accessing the SGID online directly through the FTP site.

The second table, [Data Layers by Category](#), lists the data by category. This list enables the user to see what kind of data is available at what scale. This list is best used when the user is looking for different kinds of data and is unsure of what is available.

Listed in [Appendix A](#) at the back of the guide are all the 7.5-minute quadrangles

found in QD024 for the State of Utah. They are listed by their tile index number and corresponding USGS designated name.

Listed in [Appendix B](#) are all the 7.5-minute quadrangles found in QD024 listed alphabetically by USGS designated name and corresponding SGID tile number.

Listed in [Appendix C](#) are all the 30x60-minute quadrangles found in QU100 for the State of Utah. They are listed by their tile index number and corresponding USGS designated name.

Listed in [Appendix D](#) are all the 30x60-minute quadrangles found in QU100 listed alphabetically by USGS designated name and corresponding SGID tile number.

[Appendix E](#) is a map of the QU100 tile index.

Located at the back of *The Guide* is a [List of Contents on non-SGID Directories](#) found at the FTP site with an explanation about what data is found in each directory.

CONSIDERATIONS WHEN USING GEOGRAPHIC DATA

Map projection, datum, coordinate system, precision, scale and map accuracy are important characteristics of geographic data sets and must be considered to provide meaningful results. Users need to first understand these characteristics in their own data to use it appropriately. When more than one type of data is used to produce a map or to perform a geographic analysis, results will be compromised if these characteristics are not matched in

each data set. Each of these geographic data characteristics is briefly summarized below.

Map projection

Because many of the databases described in this guide were derived from printed maps, characteristics of the map projection are carried over into the electronic data. These characteristics should be known when selecting a geographic database.

The most common map projections found in Utah are the Transverse Mercator Projection. A special version of the latter, called the Universal Transverse Mercator, is possibly the most widely used projection for statewide mapping in Utah.

All the data available from the AGRC is in this UTM projection. The UTM system divides the Earth into 60 north-south strips, called zones. Each zone is numbered and extends almost from the North to the South Pole. Each is 6-degrees longitude wide and centered around a line of longitude called the central meridian.

Utah lies almost entirely within UTM Zone 12 with its central meridian at 111 degrees west longitude. Unfortunately, the extreme west of the state falls outside Zone 12: from -114 degrees to the western boundary of the state falls in Zone 13.

This two-zone partitioning creates continuity problems across the seams when data sets spanning zones are used together. To overcome this inconvenience, the data sets from the AGRC have been reorganized into a

single zone — UTM Zone 12 Extended
— to cover the entire state.

Horizontal datum

Since the Earth is not a perfect sphere, distortions in its shape present problems in accurately locating places. To solve this dilemma, cartographers measure location from a smooth mathematical surface — a reference ellipsoid — that closely fits the Earth's mean sea level. A variety of ellipsoids customized to fit specific parts of the Earth have been developed.

When a specific ellipsoid is accepted as the basis for mapping over all or a large portion of the Earth, it is referred to as the horizontal datum. An ellipsoid called Clarke 1866 had been accepted as the standard datum for detailed mapping in North America for most of this century. This datum is referred to as the North American Datum of 1927, or NAD27. Almost all U. S. Geological Survey quadrangle maps for Utah are cast on the NAD27. When these maps are digitized the geometric qualities of the datum are captured. The SGID is presently projected in NAD27.

The advent of highly accurate measurements using satellites has allowed for further refinement of the Earth's horizontal datum. A modern ellipsoid, the Geodetic Reference System of 1980 — or GRS80 — capitalizes on advances in space technology. Based on GRS80, the North American Datum of 1983 — NAD83 — has become the standard for an increasing amount of new mapping in Utah. A full progression of the SGID to NAD83 should take place in the fall/winter of 2001. In digital form, data

can be readily transformed between NAD27 and NAD83.

Coordinate system

The most common way to describe the horizontal location of a point on any datum is by measuring its latitude and longitude. But, because they are designed to reference a round object, latitude and longitude are sometimes difficult to work with on flat maps and in the computer files created from those maps. Thus, rectangular coordinate systems have been developed to store location information in geographic databases. UTM Cartesian — x, y — coordinates are recorded in meters. The x-coordinate measures the number of meters east or west of a central meridian; the y-coordinate measures the number of meters north or south of the Equator. All data available from the AGRC is in UTM coordinates. Other examples of rectangular coordinate systems include State Plane coordinates and county coordinates.

Precision

How accurately a point can be recorded in a data file depends on how much space in the file is allocated to store the x and y coordinates for that point. Precision refers to the number of digits reserved to store location coordinates in a geographic database. Higher precision does not necessarily mean higher accuracy; rather, it simply means that space is available to store more accurate values, if careful measurements are taken. Two levels of precision are common in geographic databases: single precision coordinates store up to seven significant digits, while double precision coordinates can store up to 15. Some GIS software can use

only single precision data. Coordinate precision will be an important consideration if data is to be processed with this type of software.

Map Accuracy

Map accuracy is the degree toward which any given feature(s) on a map conforms to its true position on the ground.

Horizontal Accuracy

Horizontal accuracy should conform as closely as possible to the U. S. National Map Accuracy Standards (NMAS). Note, however, that adherence to NMAS can usually be achieved only when maps are compiled directly by survey, GPS, and/or photogrammetric methods, as are most published USGS maps. While digital maps compiled from surveying and photogrammetry can meet NMAS too, most digital maps (including USGS DLG files and US Census TIGER files) are compiled from pre-existing maps and, thus, fall short of NMAS. These digital maps are nevertheless very useful to the AGRC, as they may constitute the only or the best data available.

With the above qualifications in mind, the U. S. National Map Accuracy Standards require that at scales of 1:24,000 and smaller (i.e. 1:100,000, 1:500,000) that 90% of a randomly chosen sample of well-defined map features will be on the map within 1/50 or 0.02 inches (at scale) of their true location on the ground.

Vertical Accuracy

Vertical accuracy should conform to the U. S. National Map Accuracy Standards

which require that not more than 10% of the elevations tested shall be in error by more than 1/2 of the contour interval.

Scale Mixing

The mixing of digital map data of widely divergent scales into a common database should be avoided, as the positional accuracy of the aggregate database would be considered to be no better than that of the smallest scale. If such mixing should be necessary, however, documentation to that effect should be included in the Metadata.

Scale Misrepresentation

The almost infinite zoom capability of computer graphics should not be used to produce hard copy maps at scales inconsistent with those of the original sources (i.e. printing a map that was compiled from a 1:250,000 source map at a scale of 1:24,000, the scale of a 7.5-minute quadrangle).

SGID Projection

The projection of all the data found in the SGID is:

**UTM
Zone 12
Meters
Datum NAD27**

The SGID data can be reprojected into any projection upon request.

Documenting Data

One of the most valuable attributes of a geographic data set is not part of the data at all. The usefulness of any data is enhanced when accompanied by a detailed and well-organized descriptive

file. This type of explanatory information is Metadata, or data about data. Unfortunately, specific information — such as who prepared the data, advice on appropriate use or how to obtain a copy — is often difficult to find when attention to metadata is ignored.

The Automated Geographic Reference Center uses a metadata format specifically designed for geographic data. FGDC Metadata Guidelines provides a convenient template to help anyone working with GIS to document their data. A copy of these guidelines can be found at <http://www.fgdc.gov>.

More information online

To view metadata examples on the Internet, visit the NSDI clearinghouse at <http://clearinghouse.esri.com/ESRIgateway.htm>. This clearinghouse contains detailed metadata on many of the data sets listed in this catalog and throughout the world. For assistance in using this new service, call Cindy Clark at the AGRC at 801/537-9201.

Data formats, media and prices

Most vector and point feature data sets are available in ARC/INFO format, and most raster data sets are in JPEG or TIFF format. All data sets in this catalog list are in ARC/INFO format except where indicated and are currently available at no charge on AGRC's FTP site. All data listed in this catalog can be converted to most GIS and raster formats.

ORDERING DATA

Data sets can be ordered from this catalog by sending an e-mail to:

agrcclark@gis.state.ut.us or by calling Cindy Clark at the AGRC at 801/537-9201. She will answer questions about data limitations, formats and other details.

DATA AVAILABLE ONLINE

There are two ways to access data from the SGID. The first way is to go directly to the AGRC web site, <http://agrc.its.state.ut.us>. From there click on **Geographic Data**. From there click on the <ftp://ftp.agrc.state.ut.us>. This will take you directly to the SGID Directories. Use the User's Guide to find which directory holds the data file needed. Save the file on to the local drive for importing. All SGID layers are in ARC/INFO export files.

There are several ways to save the export files. One is to double click and a warning box will open in which you can open or save the file to a disk. You would then save the file to a disk or your hard drive. The second way is to double click on the file and the file will open show a large list of numbers. Go under "file" and "save as". The "save as window" will open up. The file should read <file name>.e00. This file should not have an .html suffix on it. If an .html suffix is saved on this file, delete the export file, and use "shift, left click". This should bring up a "save as" window with just the export .e00 file in the save window. This final method should eliminate the .html suffix from the export file.

These files can be imported using the IMPORT command in ARC/INFO or by using the IMPORT 71 module found at the ESRI free software site. The other way to access AGRC's ftp site is through your browser by typing in the following line in the location window <ftp://ftp.agrc.state.ut.us>. From there you follow the same steps as previously outlined. You may also access the ftp site from the command line. This is an anonymous ftp site. The address is <ftp://ftp.agrc.state.ut.us>. Use your e-mail address as the password.

Custom data services

Data can be delivered on 8-mm magnetic tape cartridge or, depending on file size, 3.5-inch disk, zip disk, CD-ROM or via File Transfer Protocol (FTP).

For special processing, format conversions, assembly of data in nonstandard geographic regions, development of new databases and other custom services, contact Gordon Douglass of the AGRC project services office at 801/537-9189. Orders requiring custom processing may take additional time. There is an hourly fee for special data requests and custom map production.

Distribution conditions

All geographic data has limitations due to the scale, resolution, date and interpretation of the original source materials. The AGRC is not responsible for any interpretation or conclusions, based on this data, made by those who acquire or use it. The AGRC distributes, but does not necessarily participate in preparing the data. Any known limitations or problems with particular data sets are noted in the Metadata. Data creators will be notified of all errors reported to the AGRC in writing.

DATA LAYERS BY DIRECTORY

CO100 – County – 1:100,000

Category	Description	File Name
Cultural Features	Cemeteries	CFCEM
Cultural Features	Churches	CFCHR
Cultural Features	Hospitals	CFHOS
Cultural Features	Post Offices	CFPST
Cultural Features	Schools (K-12)	CFSCH
Cultural Features	Universities	CFUNV
Demographic	Census Blocks (TIGER) 2000	DAB00
Demographic	Census Blocks (TIGER) 1990	DAB90
Demographic	Census Block Groups (TIGER) 2000	DAG00
Demographic	Census Block Groups (TIGER) 1990	DAG90
Demographic	Census County Divisions (TIGER) 2000	DAC00
Demographic	Census County Divisions (TIGER) 1990	DAC90
Demographic	Census Places (TIGER) 2000	DAP00
Demographic	Census Places (TIGER) 1990	DAP90
Demographic	Census Tracts (TIGER) 2000	DAT00
Demographic	Census Tracts (TIGER) 1990	DAT90
Environmental	Air Criteria Release Locations	ENACR
Environmental	CERCLA Sites	ENCER
Environmental	Lake Monitoring Sites	ENAM
Environmental	Point Source Monitoring Sites	ENPSM
Environmental	RCRA Sites	ENRCR
Environmental	Stream Monitoring Sites	ENSTM
Environmental	Title3 Sites	ENTR3
Environmental	Toxic Release Inventory	ENTRI
Environmental	Underground Storage Tanks	ENUST
Environmental	UPDES Sites	ENUPD
Geographic Features	TIGER Feature Names 2000	GFTIG
Geology	Landslide Potential	GLLAP
Geology	Liquefaction Potential	GLLQF
Hydrography	Dams	HDDAM
Hydrography	Dam Failure	HDDFA
Hydrography	Hydrography Feature Names	HDNAM
Hydrography	Water Bodies (TIGER)	HDWBO
Hydrography	Water Courses (TIGER)	HDWCO
Political	Census Block Boundary (Redistricting) 2000	PLN00
Political	Census Block Boundary (Redistricting) 1990	PLN90
Political	Census Block (Redistricting) 2000	PLB00
Political	Census Block (Redistricting) 1990	PLB90

DATA LAYERS BY DIRECTORY

CO100 – County – 1:100,000 (continued)

Political	School Districts	PLSCH
Political	State House Districts	PLHOU
Political	State Senate Districts	PLSEN
Political	US Congressional Districts	PLCON
Political	Voting Districts (Redistricting) 2000	PLV00
Political	Voting Districts (Redistricting) 1990	PLV90
Transportation	Airports	TRAIR
Transportation	Railroads	TRRRD
Transportation	Roads and Trails (Census 2000)	TRRDS00
Utilities	Transmission Towers (Radio and Television)	UTTOW

COSLO – County – Special Low Scale

Administrative	Municipal Boundaries	AOMUN
Administrative	Neighborhood Councils	AONCO
Administrative	Taxation Related Areas	AOTAX
Reference Systems	Control	RSCON
Reference Systems	Global Position Systems	RSGPS
Transportation	Roads (Salt Lake County)	TRRDS

QA250 – 1x2 Degree Quadrangles – 1:250,000

Geology	Coal Deposit Areas	GLCOL
Geology	Locatable Mineral Areas	GLLOC
Geology	Oil Gas Areas	GLOLG
Geology	Oil Shale & Related Bituminous Substances Areas	GLOSB
Geology	Phosphate Deposit Areas	GLPHS
Geology	Potash Deposit Areas	GLPOT
Hydrography	Sub-basin Boundaries (Fourth Level)	HDHUC
Index	Tile Index	INDEX

QB250 – 1x1 Degree Quadrangles – 1:250,000

Index	Tile Index	INDEX
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DATA LAYERS BY DIRECTORY

QD024 – 7.5-Minute Quadrangles – 1:24,000

Climate	Avalanche Paths	CLAVA
Cultural Features	Public Service Facilities	CFPSF
Geology	Fault Lines	GLFLT
Geology	Slide Areas	GLSLA
Hydrology	Flood Plains	HDFLP
Hydrology	Springs	HDSPG
Hydrology	Water Bodies	HDWBO
Hydrology	Water Courses	HDWCO
Hydrology	Wetlands	HDWLA
Index	Tile Index	INDEX
Land Cover	Soils	LCSOI
References	Public Land Survey System (GCDB, quarter-quarter sections)	RGCDB
References	Public Land Survey System (Sections)	RSPLS
Transportation	Airports	TRAIR
Transportation	Railroads	TRRRD
Transportation	Roads (County GPS Roads)	TRGPS
Transportation	Roads and Trails	TRRDS
Utilities	Electrical Generation & Transmission Facilities	UTELE
Utilities	Gas Distribution Facilities	UTGAS
Utilities	Pipeline Transmission Lines	UTPIP
Utilities	Sewer Lines	UTSEW
Utilities	Strom Drain Facilities	UTSTD
Utilities	Telephone/Telegraph Lines and Facilities	UTTEL
Utilities	Water Distribution Facilities	UTWAT
Vegetation	Water Related Land Use	LUWRU

QU100 – 30x60-Minute Quadrangles – 1:100,000

Administrative	Land Status Administration	AOLSA
Geographic Features	General Map Annotation	GFGEN
Geographic Features	Feature Names	GFNAM
Geographic Features	Geographic Feature Names	GFGEF
Geology	Glaciers	GLGLA
Geology	Landslides	GLLAS
Geology	Mines	GLMIN
Geology	Mountain Peaks and Passes	GLSUM

DATA LAYERS BY DIRECTORY

QU100 – 30x60-Minute Quadrangles – 1:100,000 (continued)

Geology	Oil Fields	GLOIL
Hydrology	Springs	HDSPG
Hydrology	Water Bodies	HDWBO
Hydrology	Water Courses	HDWCO
Index	Tile Index	INDEX
Transportation	Aerial Tramway, Monorail or Ski Lift	TRTMS
Transportation	Airports	TRAIR
Transportation	Railroads	TRRRD
Transportation	Roads and Trails	TRRDS
Utilities	Electrical Generation & Transmission Facilities	UTELE
Utilities	Pipeline Transmission Lines	UTPIP

ST024 - Statewide – 1:24,000

Administrative	County Boundaries (Tile Index)	AOCBO
Administrative	School Districts	AOSCH
Geology	Epicenters (Modern)	GLEPM
Reference	TICS, Double Precision	RSTDP
Systems		
Reference	TICS, Single Precision	RSTIC
Systems		
Wilderness Areas	BLM Wilderness Study Areas	AOWSA
Wilderness Areas	Wilderness Characteristics Inventory	AOWIN

ST100 – Statewide – 1:100,000

Administrative	County Boundaries (Tile Index)	AOCBO
Administrative	Great Salt Lake Meander Line	AOGSM
Administrative	National Forest Boundaries	AOFSB
Administrative	Parks - Local, State, National, Historic Sites	AOPRK
Climate	Weather Stations	CFWEA
Geology	Quaternary Deformation	GLQDF
Geology	Quaternary Faults and Folds	GLQFF
Geology	Quaternary Volcanic Flow	GLQVF
Geology	Quaternary Volcanic Vents	GLQVV
Political	State Judicial Districts	PLJUD
Wilderness Areas	Forest Service Roadless Areas Inventory	AOFSR
Wilderness Areas	Forest Service Special Designated Areas	AOFSP
Wilderness Areas	Proposed Wilderness Areas (Owens Bill)	AOPW2
Wilderness Areas	Proposed Wilderness Areas (UWC)	AOPW1

DATA LAYERS BY DIRECTORY

ST100 – Statewide – 1:100,000 (continued)

Wilderness Areas	Wilderness Proposal – UWA	AOWPA
Wilderness Areas	Wilderness Proposal – BLM	AOWPB
Wilderness Areas	Wilderness Proposal – County	AOWPC
Wilderness Areas	Wilderness Proposal – County National Conservation Areas	AOWPCN
Wilderness Areas	Wilderness Proposal – County Primitive Areas	AOWPCP
Wilderness Areas	Wilderness Proposal – County Semi-Primitive Areas	AOWPCS
Wilderness Areas	Wilderness Proposal – Utah Congressional	AOWPH
Wilderness Areas	Wilderness Proposal – UWC	AOWPU
Wilderness Areas	Wilderness Proposal – Citizens	AOWPCT
Wilderness Areas	Wilderness Proposal – West Desert	AOWPWD

ST500 – Statewide – 1:500,000

Administrative	County Boundaries	AOCBO
Administrative	Land Status Administration	AOLSA
Administrative	National Parks and State Parks	AOPRK
Administrative	Reservations and Wildlife Areas Within Reservations	AORES
Administrative	Zip Codes	AOZIP
Cultural Features	Cemeteries	CFCEM
Cultural Features	Military Bases	CFMIL
Cultural Features	Public Facilities (Points)	CFINT
Cultural Features	Recreation Areas	CFREC
Cultural Features	Retail Malls	CFRET
Geographic Features	Place Names (Cities, towns, municipalities)	GFPLN
Geology	CRIB Data	GLCRB
Geology	Energy Resources (polygon)	GLENA
Geology	Energy Resources (line)	GLENL
Geology	Energy Resources (point)	GLENX
Geology	Engineering Problems (Soil & Rock Causing, polygon)	GLEPA
Geology	Engineering Problems (Soil & Rock Causing, point)	GLEPX
Geology	Geologic Formations	GLGFM
Geology	Geologic V Cones	GLGVC
Geology	Geologic Dikes	GLGDK

DATA LAYERS BY DIRECTORY

ST500 – Statewide – 1:500,000 (continued)

Geology	Geologic Faults	GLGFT
Geology	Geologic Contacts	GLGCN
Geology	Geologic Markers	GLGMK
Geology	Geologic Veins	GLGVN
Geology	Physiographic Subdivisions	GLPHY
Geology	Shallow Ground Water	GLSGW
History	Pony Express Route	HSPNY
History	Historic Trails	HSTRL
Hydrography	Great Salt Lake Shorelines	HDGSL
Hydrography	Lake Bonneville Shoreline	HDBNV
Hydrography	Sub-basin and Watershed Boundaries (Multi-Level)	HDHUC
Hydrography	Water Bodies	HDWBO
Hydrography	Water Courses	HDWCO
Hydrography	Watershed Boundaries (Fifth Level)	HDWSH
Hypsography	Contours	HPCON
References	Latitude/Longitude	RSLAL
References	Public Land Survey System (Township and Range)	RSPLS
Transportation	Airports	TRAIR
Transportation	Bus and Train Terminals	TRTRM
Transportation	Highways (Major)	TRHWY
Transportation	Highway Bridges	TRBRG
Transportation	Railroads	TRRRD
Transportation	Ramps	TRRMP
Transportation	Restricted Airspace	TRRAP
Transportation	Roads and Trails	TRRDS
Utilities	Microwave Relays	UTMWV
Utilities	Telephone Companies	UTTCM
Vegetation	Distribution	VGDIS
Vegetation	Noxious Weed Distribution	VGWDS
Wilderness	BLM Wilderness Study Areas	AOWSA

DATA LAYERS BY CATEGORY

ADMINISTRATIVE AND POLITICAL BOUNDARIES

Administrative	SGID Directory	File Name
County Boundaries (Tile Index)	ST024	AOCBO
County Boundaries	ST100	AOCBO
County Boundaries	ST500	AOCBO
Great Salt Lake Meander Line	ST100	AOGSM
Land Status Administration (Ownership)	ST500	AOLSA
Land Status Administration (Ownership)	QU100	AOLSA
Municipal Boundaries	COSLO	AOMUN
National Forest Service Boundaries	ST100	AOFSB
National Parks and State Parks	ST500	AOPRK
Neighborhood Councils	COSLO	AONCO
Parks – Local, State, National, Historic Sites	ST100	AOPRK
Reservations and Wildlife Areas within Reservations	ST500	AORES
School Districts	ST024	AOSCH
Taxation Related Areas	COSLO	AOTAX
Zip Codes	ST500	AOZIP

Political

Census Block Boundary Names (Redistricting) 2000	CO100	PLN00
Census Block Boundary Names (Redistricting) 1990	CO100	PLN90
Census Blocks (Redistricting) 2000	CO100	PLB00
Census Blocks (Redistricting) 1990	CO100	PLB90
School Board Districts	CO100	PLSCH
State House Districts	CO100	PLHOU
State Judicial Districts	ST100	PLJUD
State Senate Districts	CO100	PLSEN
US Congressional Districts	CO100	PLCON
Voting Districts (Redistricting) 2000	CO100	PLV00
Voting Districts (Redistricting) 1990	CO100	PLV90

Wilderness Areas

BLM Wilderness Study Areas	ST024	AOWSA
BLM Wilderness Study Areas	ST500	AOWSA
BLM Wilderness Characteristics Inventory	ST024	AOWIN
Forest Service Roadless Areas Inventory	ST100	AOFSR
Forest Service IRA & Special Designated Areas	ST100	AOFSP

DATA LAYERS BY CATEGORY

ADMINISTRATIVE AND POLITICAL BOUNDARIES (CONTINUED)

Wilderness Areas (continued)

Proposed Wilderness Areas (Owens Bill)	ST100	AOPW2
Proposed Wilderness Areas (UWC)	ST100	AOPW1
Wilderness Proposal – UWA	ST100	AOWPA
Wilderness Proposal – BLM	ST100	AOWPB
Wilderness Proposal – County	ST100	AOWPC
Wilderness Proposal – County Nat'l. Conservation Areas	ST100	AOWPCN
Wilderness Proposal – County Primitive Areas	ST100	AOWPCP
Wilderness Proposal – County Semi-Primitive Areas	ST100	AOWPCS
Wilderness Proposal – Utah Congressional	ST100	AOWPH
Wilderness Proposal – UWC	ST100	AOWPU
Wilderness Proposal – Citizens	ST100	AOWPCT
Wilderness Proposal – West Desert	ST100	AOWPWD

DEMOGRAPHIC

Census

Census Blocks (TIGER) 2000	CO100	DAB00
Census Blocks (TIGER) 1990	CO100	DAB90
Census Block Groups (TIGER) 2000	CO100	DAG00
Census Block Groups (TIGER) 1990	CO100	DAG90
Census County Divisions (TIGER) 2000	CO100	DAC00
Census County Divisions (TIGER) 1990	CO100	DAC90
Census Places (TIGER) 2000	CO100	DAP00
Census Places (TIGER) 1990	CO100	DAP90
Census Tracts (TIGER) 2000	CO100	DAT00
Census Tracts (TIGER) 1990	CO100	DAT90

PHYSICAL AND BIOLOGICAL

Climate

Avalanche Paths	QD024	CLAVA
Weather Stations	ST100	CFWEA

DATA LAYERS BY CATEGORY

PHYSICAL AND BIOLOGICAL (CONTINUED)

Cultural Features

Cemeteries	CO100	CFCEM
Cemeteries	ST500	CFCEM
Churches	CO100	CFCHR
Hospitals	CO100	CFHOS
Military Bases	ST500	CFMIL
Public Facilities (points)	ST500	CFINT
Post Offices	CO100	CFPST
Public Service Facilities	QD024	CFPSF
Recreational Areas	ST500	CFREC
Retail Malls	ST500	CFRET
Schools (K-12)	CO100	CFSCH
Universities	CO100	CFUNV

Environmental

Air Criteria Release Locations	CO100	ENACR
CERCLA Sites	CO100	ENCER
Lake Monitoring Sites	CO100	ENLAM
Point Source Monitoring Sites	CO100	ENPSM
RCRA Sites	CO100	ENRCR
Stream Monitoring Sites	CO100	ENSTM
Title3 Sites	CO100	ENTL3
Toxic Release Inventory	CO100	ENTRI
Underground Storage Tanks	CO100	ENUST
UPDES Sites	CO100	ENUPD

Geographic Features

TIGER Feature Names 1990	CO100	GFTIG
General Map Annotation	QU100	GFGEN
Geographic Features Names	QU100	GFGEF
Feature Names	QU100	GFNAM
Place Names (Cities, town, municipalities)	ST500	GFPLN

Geology

Coal Deposit Areas	QA250	GLCOL
CRIB Data	ST500	GLCRB

DATA LAYERS BY CATEGORY

PHYSICAL AND BIOLOGICAL (CONTINUED)

Geology (continued)

Energy Resources (polygon)	ST500	GLENA
Energy Resources (line)	ST500	GLENL
Energy Resources (point)	ST500	GLENX
Engineering Problems (Soil & Rock Causing, polygon)	ST500	GLEPA
Engineering Problems (Soil & Rock Causing, point)	ST500	GLEPX
Epicenters (Modern)	ST024	GLEPM
Fault Lines	QD024	GLFLT
Geologic Formations	ST500	GLGFM
Geologic V Cones	ST500	GLGVC
Geologic Dikes	ST500	GLGDK
Geologic Faults	ST500	GLGFT
Geologic Contacts	ST500	GLGCN
Geologic Markers	ST500	GLGMK
Geologic Veins	ST500	GLGVN
Glaciers	QU100	GLGLA
Landslide Potential	CO100	GLLAP
Landslides	QU100	GLLAS
Liquefaction Potential	CO100	GLLAP
Locatable Mineral Areas	QA250	GLLOC
Mountain Peaks and Passes	QU100	GLSUM
Mines	QU100	GLMIN
Oil & Gas Areas	QA250	GLOLG
Oil Shale & Related Bituminous Substances Areas	QA250	GLOSB
Oil Fields	QU100	GLOIL
Phosphate Deposit Areas	QA250	GLPHS
Physiographic Subdivisions	ST500	GLPHY
Potash Deposit Areas	QA250	GLPOT
Quaternary Deformation	ST100	GLQDF
Quaternary Faults and Folds	ST100	GLQFF
Quaternary Volcanic Flow	ST100	GLQVF
Quaternary Volcanic Vents	ST100	GLQVV
Shallow Ground Water	ST500	GLSGW
Slide Areas	QD024	GLSLA

Historical

Pony Express Route	ST500	HSPNY
Historic Trails	ST500	HSTRL

DATA LAYERS BY CATEGORY

PHYSICAL AND BIOLOGICAL (CONTINUED)

Hydrography

Dams	CO100	HDDAM
Dam Failure	CO100	HDDFA
Flood Plains	QD024	HDFLP
Great Salt Lake Shorelines	ST500	HDGSL
Hydrographic Names	CO100	HDNAM
Lake Bonneville Shoreline	ST500	HDBNV
Springs	QD024	HDSPG
Springs	QU100	HDSPG
Sub-basin Boundaries (Fourth Level)	QA250	HDHUC
Subbasin and Watershed Boundaries (Multi-Level)	ST500	HDHUC
Water Bodies	QD024	HDWBO
Water Bodies	QU100	HDWBO
Water Bodies	ST500	HDWBO
Water Bodies (TIGER)	CO100	HDWBO
Water Courses	QD024	HDWCO
Water Courses	QU100	HDWCO
Water Courses	ST500	HDWCO
Water Courses (TIGER)	CO100	HDWCO
Watershed Boundaries (Fifth Level)	ST500	HDWSH
Wetlands	QD024	HDWLA

Hypsography

Contours	ST500	HPCON
DEM's (1:24,000)	90 Meters	
DEM's (1:24,000)	30 Meters	
DEM's (1:100,000)	10 Meters	

Land Cover

Soils	QD024	LCSOI
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Vegetation

Distribution	ST500	VGDIS
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DATA LAYERS BY CATEGORY

PHYSICAL AND BIOLOGICAL (CONTINUED)

Vegetation (continued)

Noxious Weed Distribution	ST500	VGWDS
Water Related Land Use	QD024	LUWRU

REFERENCE SYSTEMS

References

Geodetic Control	COSLO	RSCON
Global Positioning Systems	COSLO	RSGPS
Latitude/Longitude	ST500	RSLAL
Public Land Survey System (GCDB, quarter-quarter sections)	QD024	RGADB
Public Land Survey System (Sections)	QD024	RSPLS
Public Land Survey System (Township and Range)	ST500	RSPLS

Indexes

Tile Index – 1x2-Degree Quadrangle	QA250	INDEX
Tile Index – 1x1-Degree Quadrangle	QB250	INDEX
Tile Index – 7.5-Minute Quadrangle	QD024	INDEX
Tile Index – 30x60-Minute Quadrangle	QU100	INDEX
TIC Reference System Double Precision	ST024	RSTDP
TIC Reference System	ST024	RSTIC

REMOTE SENSING

Digital Orthographic 7.5-Minute Quadrangles	DOQs
Digital Raster Graphs	DRGs

TRANSPORTATION AND UTILITIES

Transportation

Aerial Tramway, Monorail or Ski Lift	QU100	TRTMS
Airports	CO100	TRAIR
Airports	QD024	TRAIR
Airports	QU100	TRAIR
Airports	ST500	TRAIR

DATA LAYERS BY CATEGORY

TRANSPORTATION AND UTILITIES (CONTINUED)

Transportation (continued)

BaseMap – Utah	CD	
Bus and Train Terminals	ST500	TRTRM
Highways (Major)	ST500	TRHWY
Highway Bridges	ST500	TRBRG
Railroads	CO100	TRRRD
Railroads	QD024	TRRRD
Railroads	QU100	TRRRD
Railroads	ST500	TRRRD
Ramps	ST500	TRRMP
Restricted Airspace	ST500	TRRAP
Roads (Salt Lake County)	COSLO	TRRDS
Roads (County GPS Roads)	QD024	TRGPS
Roads and Trails (Census 2000)	CO100	TRRDS00
Roads and Trails	QD024	TRRDS
Roads and Trails	QU100	TRRDS
Roads and Trails	ST500	TRRDS

Utilities

Electrical Generation & Transmission Facilities	QD024	UTELE
Gas Distribution Facilities	QD024	UTGAS
Microwave Relays	ST500	UTMWV
Pipeline Transmission Lines	QD024	UTPIP
Pipeline Transmission Lines	QU100	UTPIP
Sewer Lines	QD024	UTSEW
Storm Drain Facilities	QD024	UTSTD
Transmission Towers (Radio and Television)	CO100	UTTOW
Telephone Companies	ST500	UTTCM
Telephone/Telegraph Lines and Facilities	QD024	UTTEL
Water Distribution Facilities	QD024	UTWAT

ADMINISTRATIVE AND POLITICAL BOUNDARIES

Boundaries are often profoundly influenced by geography. Data describing boundaries of state agency administrative regions, public, Federal and other politically administered areas are included in this section. Proposed wilderness areas and wilderness study areas are also found in this section. Boundaries derived from U. S. Bureau of the Census data can be found here and in the Demographic section.

ADMINISTRATIVE

COUNTY BOUNDARIES (TILE INDEX)

This data set represents county boundaries in Utah at 1:24,000 scale. The Utah Office of the USDA Soil Conservation Service, (renamed National Resource Conservation Service (NRCS) digitized the data. The source was USGS 7.5-minute quadrangle paper maps. It is also the tile index for all directories with county tile units.

Source: FGDC-compliant [metadata](#)
Scale: 1:24,000
State coverage: Full
Tile unit: State
SGID Directory: ST024
File name: AOCBO.e00
<ftp://ftp.agrc.state.ut.us>

COUNTY BOUNDARIES

This data set represents county boundaries in Utah at a scale of 1:100,000. The boundaries were digitized from 1:100,000 paper quad maps.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: State

SGID Directory: ST100
File name: AOCBO.e00
<ftp://ftp.agrc.state.ut.us>

COUNTY BOUNDARIES

This data set represents the county boundary lines for Utah. The data set was converted from the USGS Digital Line Graph files to ARC/INFO format by the AGRC.

Source: FGDC-compliant [metadata](#)
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: AOCBO.e00
<ftp://ftp.agrc.state.ut.us>

GREAT SALT LAKE MEANDER LINE

This data set represents the meander line of the Great Salt Lake. The meander line determines the State ownership boundary for the Great Salt Lake basin and is considered to be a PLSS boundary.

Source: FGDC-compliant [metadata](#)
Scale: 1:500,000
State coverage: Lake shoreline only
Tile unit: State
SGID Directory: ST100
File name: AOGSM.e00

<ftp://ftp.agrc.state.ut.us>

LAND STATUS ADMINISTRATION

This data set represents the boundary lines for various areas of public land administration in Utah, including national (parks, monuments, forest, wildlife refuge, wilderness), state (parks), Indian and military reservations. The data set was converted to ARC/INFO format by the AGRC from USGS Digital Line Graph files (DLG).

Source: FGDC-compliant [metadata](#)
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: AOLSA.e00
<ftp://ftp.agrc.state.ut.us>

LAND STATUS ADMINISTRATION

This data set depicts the Bureau of Land Management 1:100,000 scale land ownership quadrangle maps published by the BLM between 1980 and 1989. The Remote Sensing and GIS Laboratories, Department of Geography and Earth Resources, Utah State University (GIS/USU) digitized these data for the U. S. Fish and Wildlife Utah GAP Analysis project. The Utah School and Institutional Trust Lands Administration (SITLA) revises these data regularly to reflect changes in State Trust Lands and BLM lands.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: 30x60-minute Quadrangles
SGID Directory: QU100/<Quad #>
File name: AOLSA.e00
<ftp://ftp.agrc.state.ut.us>

NATIONAL FOREST SERVICE BOUNDARIES

This data set contains National Forest Service boundaries for the State of Utah. It includes unit boundaries derived primarily from the GSTC (Geometronics Service and Technology Center) SOC data system comprised of Cartographic Feature Files (CFFs).

Source: FGDC-compliant metadata
Scale: 1:100,000
State coverage: Full
Tile unit: State
SGID Directory: ST100
File name: AOFSEB.e00
<ftp://ftp.agrc.state.ut.us>

NATIONAL PARKS AND STATE PARKS

This data represents the boundaries of the National Parks and Monuments, including the State Parks found in Utah.

Source: FGDC-compliant metadata
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: AOPRK.e00
<ftp://ftp.agrc.state.ut.us>

MUNICIPAL BOUNDARIES

These data were first created through a cooperative effort of the Governor's Office of Planning and Budget, Utah Department of Transportation, Utah State Tax Commission and the AGRC. All incorporated municipalities in the state through dates varying from 1984 to 1992 were initially represented. Updates for further annexations and deannexations were completed with the cooperative efforts of the State Tax Commission, Property Tax Division and

the AGRC. Currentness now ranges from 1993 to 1999. The database associates a compilation date with each municipality. Data developed with coordinate geometry (COGO) from legal descriptions were used. When necessary, the data were adjusted to conform to known physical features. Due to adjustments to resolve conflicting or ambiguous data, the result was more a physical cadastre than a legal one.

Source: FGDC-compliant [metadata](#)
Scale: Special Low Scale
State coverage: Full
Tile unit: County
SGID Directory: COSLO/<County Name>
File name: AOMUN.e00
<ftp://ftp.agrc.state.ut.us>

NEIGHBORHOOD COUNCILS

This data set represents the boundaries of the Neighborhood Council Districts for Salt Lake City, Utah. The data were created as part of a project with the Utah Department of Environmental Quality (DEQ), Division of Water Quality to identify possible sources of contamination from households within 500 meters of drinking water sources.

Source: FGDC-compliant [metadata](#)
Scale: Special Low Scale
State coverage: Salt Lake City
Tile unit: County
SGID Directory: COSLO/<County Name>
File name: AONCO.e00
<ftp://ftp.agrc.state.ut.us>

PARKS - LOCAL, STATE, NATIONAL, HISTORIC SITES

This data set was compiled from the Geographic Names Information System (GNIS) that was developed by the USGS. The data set consists of point locations with corresponding feature names of local, state, national and historic sites.

Source: FGDC-compliant metadata
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County>
File name: AOPRK.e00
<ftp://ftp.agrc.state.ut.us>

RESERVATIONS AND WILDLIFE AREAS WITHIN RESERVATIONS

This data represents the boundaries of the Reservations and the Wildlife Areas found within these reservations in Utah. It was acquired from the Data CD distributed by ESRI for use by the public. See metadata for distribution rights.

Source: FGDC-compliant metadata
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: AORES.e00
<ftp://ftp.agrc.state.ut.us>

SCHOOL DISTRICTS

This data set represents external school district boundaries in Utah. Internal boundaries are not represented. Where school districts coincided with county boundaries, data from ST024.AOCBO were used (originally digitized from

1:24,000 USGS quads). For district boundaries within a county that coincided with city boundaries, data from COSLO.AOMUN (then current through 1993) were used. For district boundaries within a county non-coincident with a city boundary, data developed with coordinate geometry (COGO) from legal descriptions were used. When necessary, the data were adjusted to conform to known physical features. Due to adjustments to resolve conflicting or ambiguous data, the result was more a physical cadastre than a legal one. Granite School District in Salt Lake County is currently working to resolve inconsistencies in the legal description.

Source: FGDC-compliant [metadata](#)
Scale: 1:24,000
State Coverage: Full
Tile unit: State
State coverage: State
SGID Directory: ST024
File name: AOSCH.e00
<ftp://ftp.agrc.state.ut.us>

TAXATION RELATED AREAS

The data set was digitized at the same time as AOMUN using the same process. AOMUN is a region of AOTAX. The different regions found in AOTAX are ANNEX, municipal annexations for 1999, AOCBO, county boundaries, AOMIS, municipal service districts, AOMUN, municipality boundaries as of Jan 1, 2000, AORED, redevelopment districts, AOSCH, school districts and AOSPE, special service districts.

Source: FGDC-compliant metadata
Scale: Special Low Scale
State coverage: State

Tile unit: County
SGID Directory: COSLO/<County Name>
File name: AOTAX.e00
<ftp://ftp.agrc.state.ut.us>

WATERFOWL MANAGEMENT AREAS

This data set contains data compiled from the Geographic Names Information System (GNIS) that was developed by the USGS. The data contains names and locations of Waterfowl Management Areas found in Utah. It is point coverage.

Source: FGDC-compliant metadata
Scale: 1:100,000
State coverage: Full
Tile unit: State
SGID Directory: ST100
File name: AOWFM.e00
<ftp://ftp.agrc.state.ut.us>

ZIP CODES

This data set represents the zip code areas of Utah.

Source: FGDC-compliant metadata
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: AOZIP.e00
<ftp://ftp.agrc.state.ut.us>

POLITICAL

CENSUS BLOCK BOUNDARY NAMES (REDISTRICTING) 2000

This data set represents the 2000 Census Block boundary names. It was converted by the AGRC into ARC/INFO coverages from the Census Bureau 1990 preliminary TIGER/Line files.

Source: FGDC-compliant metadata
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County
Name>
File name: PLN00.e00
<ftp://ftp.agrc.state.ut.us>

CENSUS BLOCK BOUNDARY NAMES (REDISTRICTING) 1990

This data set represents the 1990 Census Block boundary names. It was converted by the AGRC into ARC/INFO coverages from the Census Bureau 1990 preliminary TIGER/Line files.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County
Name>
File name: PLN90.e00
<ftp://ftp.agrc.state.ut.us>

CENSUS BLOCKS (REDISTRICTING) 2000

This data set represents the 2000 Census Blocks and the resulting new Utah voting districts. The census data were converted from the 2000 TIGER/Line files and later updated with the 1991 TIGER/Line files. The 1992 Utah State Legislature established the redistricting data as law. New districts can also be found in individual coverages CO100.PLCON, CO100.PLHOU, CO100.PLSCH and CO100.PLSN.

Source: FGDC-compliant metadata
Scale: 1:100,000
State coverage: Full
Tile unit: County

SGID Directory: CO100/<County
Name>
File name: PLB00.e00
<ftp://ftp.agrc.state.ut.us>

CENSUS BLOCKS (REDISTRICTING) 1990

This data set represents the 1990 Census Blocks and the resulting new Utah voting districts. The census data were converted from the 1990 TIGER/Line files and later updated with the 1991 TIGER/Line files. The 1992 Utah State Legislature established the redistricting data as law. New districts can also be found in individual coverages CO100.PLCON, CO100.PLHOU, CO100.PLSCH and CO100.PLSN.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County
Name>
File name: PLB90.e00
<ftp://ftp.agrc.state.ut.us>

SCHOOL BOARD DISTRICTS

This data set represents the Utah School Board district boundaries as established in 1992. The data were DISSOLVED from CO100.PLB00 (see additional details described in layer).

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County
Name>
File name: PLSCH.e00
<ftp://ftp.agrc.state.ut.us>

STATE HOUSE DISTRICTS

This data set represents the Utah House of Representatives district boundaries as established in 1992. The data were DISSOLVED from CO100.PLB00 (see additional details described in layer).

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County Name>
File name: PLHOU.e00
<ftp://ftp.agrc.state.ut.us>

STATE JUDICIAL DISTRICTS

This data set represents the State Judicial Districts as designated by their political boundaries. The data also has attributes that list the sites of the District Courts and the Juvenile Courts of each District. The data was collected by the AGRC.

Source: FGDC-compliant metadata
Scale: 1:24,000
State coverage: Full
Tile unit: State
SGID Directory: ST024
File name: PLJUD.e00
<ftp://ftp.agrc.state.ut.us>

STATE SENATE DISTRICTS

This data set represents the Utah State Senate district boundaries as established in 1992. The data were DISSOLVED from CO100.PLB00 (see additional details described in layer).

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full

Tile unit: County
SGID Directory: CO100/<County Name>
File name: PLSSEN.e00
<ftp://ftp.agrc.state.ut.us>

US CONGRESSIONAL DISTRICTS

This data set represents the U. S. Congressional (House of Representatives) district boundaries for Utah as established in 1992. The data were DISSOLVED from CO100.PLB90 (see additional details described in layer).

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County Name>
File name: PLCON.e00
<ftp://ftp.agrc.state.ut.us>

VOTING DISTRICTS (REDISTRICTING) 2000

This data set represents the 2000 Voting (Tabulation) Districts. The data were converted from the 2000 TIGER/Line files.

Source: FGDC-compliant metadata
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County Name>
File name: PLV00.e00
<ftp://ftp.agrc.state.ut.us>

VOTING DISTRICTS (REDISTRICTING) 1990

This data set represents the 1990 Voting (Tabulation) Districts. The data were converted from the 1990

TIGER/Line files and later updated with the 1991 TIGER/Line files.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County
Name>
File name: PLV90.e00
<ftp://ftp.agrc.state.ut.us>

WILDERNESS AREAS

BLM WILDERNESS STUDY AREAS

This data set represents the boundaries of Wilderness Study Areas in Utah administered by the U. S. Department of the Interior, Bureau of Land Management (BLM). These data were digitized from USGS 7.5-minute quadrangle maps by the BLM. The data are designated preliminary and are not scheduled for updating. Any questions should be directed to the Wilderness Coordinator, Utah State Office and the BLM.

Source: FGDC-compliant [metadata](#)
Scale: 1:24,000
State coverage: Full
Tile unit: State
SGID Directory: ST024
File name: AOWSA.e00
<ftp://ftp.agrc.state.ut.us>

BLM WILDERNESS STUDY AREAS

This data set represents the 82 Bureau of Land Management (BLM) Wilderness Study Areas (WSAs) considered for wilderness designation. The data set is 1:500,000 scale with polygon area features and their attributes. The data was converted from BLM Moss export

file(s) to ARC/INFO format by the AGRC.

Source: FGDC-compliant [metadata](#)
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: AOWSA.e00
<ftp://ftp.agrc.state.ut.us>

BLM WILDERNESS CHARACTERISTICS INVENTORY

This data set represents the 1998 Bureau of Land Management (BLM) Wilderness Characteristics Inventory. It represents the BLM's inventory of areas that have Wilderness Characteristics. The data set is at 1:24,000.

Source: FGDC-compliant metadata
Scale: 1:24,000
State coverage: Full
Tile unit: State
SGID Directory: ST024
File name: AOWIN.e00
<ftp://ftp.agrc.state.ut.us>

FOREST SERVICE INVENTORIED ROADLESS AREAS

This data set contains all the National Forest Inventoried Roadless Areas. The IRA data was originally submitted to GSTC (Geometronic Service and Technical Center) by all the national forests through their Regional Office for the Forest Service's Roadless Area Conservation Initiative. The data was consolidated at the GSTC and used in the Draft Environment Impact Statement. Between the draft and final states of the Environmental Impact Statement, the data was updated by the forests to reflect any corrections to

Inventoried Roadless Areas that were based on their existing forest plan. The data was resubmitted to the GSTC on July 21, 2000 for consolidation and the completed coverage was used in the Roadless Area Conservation Final Environmental Impact Statement. IRAs are based on completed forest plans, forest plans in revision where the agency has established an inventory (this information should be available in Appendix C of most forest plans) or other assessments that are completed and adopted by the agency. RARE II information was used in cases where a forest does not have a more current roadless inventory that was established using RARE II information.

Source: FGDC-compliant metadata
Scale: 1:100,000
State coverage: Full
Tile unit: State
SGID Directory: ST100
File name: AOF SR.e00
ftp://ftp.agrc.state.ut.us

FOREST SERVICE INVENTORIED ROADLESS AREAS AND SPECIAL DESIGNATED AREAS

This data set contains all the National Forest Inventoried Roadless Areas. The IRA data was originally submitted to GSTC (Geometronic Service and Technical Center) by all the national forests through their Regional Office for the Forest Service's Roadless Area Conservation Initiative. The data was consolidated at the GSTC and used in the Draft Environment Impact Statement. Between the draft and final states of the Environmental Impact Statement, the data was updated by the forests to reflect any corrections to Inventoried Roadless Areas that were based on their existing forest plan. The

data was also supplemented to include Special Designated Area information and to include Inventoried Roadless Areas with Special Designated Areas. The data was resubmitted to the GSTC on July 21, 2000 for consolidation and the completed coverage was used in the Roadless Area Conservation Final Environmental Impact Statement. IRAs are based on completed forest plans, forest plans in revision where the agency has established an inventory (this information should be available in Appendix C of most forest plans) or other assessments that are completed and adopted by the agency. RARE II information was used in cases where a forest does not have a more current roadless inventory that was established using RARE II information.

Source: FGDC-compliant metadata
Scale: 1:100,000
State coverage: Full
Tile unit: State
SGID Directory: ST100
File name: AOFSP.e00
ftp://ftp.agrc.state.ut.us

PROPOSED WILDERNESS AREAS (OWENS BILL)

This data set represents areas proposed for wilderness designation by former Utah representative Wayne Owens in U. S. House Representatives Bill HR 1500 (1991). Rep. Owens' staff created this data set by directing the University of Utah, Geography Department DIGIT Lab in modification of the Utah Wilderness Coalition Proposed Wilderness boundaries received digitally from the Wilderness Society. The UWC boundaries were published in Wilderness at the Edge (1990).

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: State
SGID Directory: ST100
File name: AOPW2.e00
<ftp://ftp.agrc.state.ut.us>

PROPOSED WILDERNESS AREAS (UWC)

This data set represents the 1989 Utah Wilderness Coalition (UWC) wilderness proposal for Utah as published in Wilderness at the Edge. The proposal has been superseded by the 1995 UWC proposal (ST100.AOWPU)

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: State
SGID Directory: ST100
File name: AOPW1.e00
<ftp://ftp.agrc.state.ut.us>

WILDERNESS PROPOSAL – UWA

This data set represents the areas proposed for wilderness in 1995 by the Utah Wilderness Association (UWA) with the 1995 State Trust Lands excluded. This proposal involves only those lands administered by the BLM and the School and Institutional Trust Lands Administration (SITLA).

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: State
SGID Directory: ST100
File name: AOWPA.e00
<ftp://ftp.agrc.state.ut.us>

WILDERNESS PROPOSAL – BLM

This data set represents the areas recommended for wilderness designation by the Bureau of Land Management to the U. S. Secretary of the Interior with the 1995 State Trust Lands excluded. The BLM developed these areas by making boundary changes and selecting areas from their earlier data set of BLM Wilderness Study Areas (listed in the SGID as ST024.AOWSA). The resulting BLM Proposed Action was documented in the Utah BLM Statewide Wilderness Final Environmental Impact Statement (1990). The automated data were received from the BLM and updated by the AGRC with the State of Utah Trust Lands delineated, as they existed in 1995 (QU100.AOLSA).

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: State
SGID Directory: ST100
File name: AOWPB.e00
<ftp://ftp.agrc.state.ut.us>

WILDERNESS PROPOSAL – COUNTY

This data set represents the areas recommended for wilderness designation by the Bureau of Land Management to the U. S. Secretary of the Interior with the 1995 State Trust Lands excluded. The BLM developed these areas by making boundary changes and selecting areas from their earlier data set of BLM Wilderness Study Areas (listed in the SGID as ST024.AOWSA). The resulting BLM Proposed Action was documented in the Utah BLM Statewide Wilderness Final Environmental Impact Statement (1990).

The automated data were received from the BLM and updated by the AGRC with the State of Utah Trust Lands delineated, as they existed in 1995.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: State
SGID Directory: ST100
File name: AOWPC.e00
<ftp://ftp.agrc.state.ut.us>

WILDERNESS PROPOSAL - COUNTY NATIONAL CONSERVATION AREAS

This data set represents the 1995 proposal by San Juan County for National Conservation Areas on BLM administrated lands within the county with the 1995 State Trust Lands excluded. The areas were selected from the BLM Wilderness Proposal (ST100.AOWPB) by the AGRC at the direction of San Juan County. The data were updated by the AGRC with the Utah Trust Lands, as they existed in 1995 (QU100.AOLSA).

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: State
SGID Directory: ST100
File name: AOWPCN.e00
<ftp://ftp.agrc.state.ut.us>

WILDERNESS PROPOSAL - COUNTY PRIMITIVE AREAS

The data set represents the areas proposed by Emery County, Utah for designation as Primitive Area with the 1995 State Trust Lands excluded. This proposal was made as part of the formulation process for the Utah U.S.

Congressional delegation's Wilderness Proposal (HR1745). The automated data from Emery County were updated with the State of Utah Trust Lands delineated, as they existed in 1995 (QU100.AOLSA).

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: State
SGID Directory: ST100
File name: AOWPCP.e00
<ftp://ftp.agrc.state.ut.us>

WILDERNESS PROPOSAL - COUNTY SEMI-PRIMITIVE AREAS

This data set represents the areas proposed by Emery County, Utah for designation as Semi-Primitive Areas with the 1995 State Trust Lands excluded. This proposal was made as part of the formulation process for the Utah U. S. Congressional delegation's Wilderness Proposal (HR1745). The automated data from Emery County were updated with the State of Utah Trust Lands delineated, as they existed in 1995.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: State
SGID Directory: ST100
File name: AOWPCS.e00
<ftp://ftp.agrc.state.ut.us>

WILDERNESS PROPOSAL - UTAH CONGRESSIONAL

This data set represents the Utah Congressional wilderness proposal for the Bureau of Land Management lands as set forth in HR 1745 (Rep. Jim

Hansen, 1995) with the 1995 State Trust lands excluded. This data set was constructed from multiple sources, including Bureau of Land Management (ST100.AOWPB), Utah Wilderness Association (ST100.AOWPCP), various county proposals (ST100.AOWPC, ST100.AOWPCN, ST100.AOWPCP, and ST100.AOWPCS), members of Utah's Congressional delegation, the Governor's Office of Planning and Budget and public meetings.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: State
SGID Directory: ST100
File name: AOWPH.e00
<ftp://ftp.agrc.state.ut.us>

WILDERNESS PROPOSAL - (UWC)

This data set represents the Utah Wilderness Coalition (UWC) proposed wilderness areas with 1995 Utah Trust Lands excluded. The data were developed for the UWC by the Southern Utah Wilderness Alliance (SUWA) from lines drawn on USGS 1:24,000 quadrangle sheets and digitized in AutoCAD. The data were converted to ARC/INFO by the AGRC and combined with 1995 Utah Trust Lands data. The final data set was used for the formulation of the Utah U. S. Congressional delegation's Wilderness Proposal HR1745.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: State
SGID Directory: ST100
File name: AOWPU.e00
<ftp://ftp.agrc.state.ut.us>

WILDERNESS PROPOSAL – CITIZENS

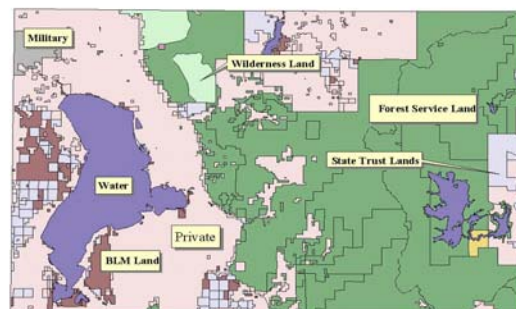
This data set represents the Citizens Wilderness Proposal as proposed by the Citizens Coalition at Wild Utah in conjunction with the Utah Wilderness Coalition. This data is at 1:100,000 scale.

Source: FGDC-compliant metadata
Scale: 1:100,000
State coverage: Full
Tile unit: State
SGID Directory: ST100
File name: AOWCT.e00
<ftp://ftp.agrc.state.ut.us>

WILDERNESS PROPOSAL - WEST DESERT

This data set represents the wilderness proposal by Governor Leavitt and Secretary of the Interior Babbitt in 1999. The areas were developed from the BLM Wilderness Study Areas layer and the Citizen's Wilderness Proposal.

Source: FGDC-compliant metadata
Scale: 1:100,000
State coverage: Full
Tile unit: State
SGID Directory: ST100
File name: AOWPWD.e00
<ftp://ftp.agrc.state.ut.us>



Area of Land Status showing Forest Service, Private and BLM Land.

DEMOGRAPHIC

The U. S. Bureau of the Census provides a wealth of information about the make-up of Utah's population and about patterns in the state's social and economic characteristics. This data is particularly useful for analyzing geographic areas such as political jurisdictions, school and legislative districts.

CENSUS DATA

Census data can be organized into two main categories: 1) information about the location and shape of areas such as counties, tracts and blocks, and 2) information about demographic and economic characteristics of those areas such as population, housing and income. These two categories may be thought of as 1) *census geography* and 2) *census statistics*.

Within a state, the U. S. Bureau of the Census delineates four units of census geography: *counties* are divided into *census tracts* that are made up of *block groups*. Block groups are further subdivided into individual *blocks*. All census geography areas lie completely within a single county.

A different type of area, the minor civil division, is often related to census geography. In Utah, MCDs (Minor Civil Divisions) refer to townships and cities. They can cross county boundaries and can contain a number of census blocks, block groups and, if large enough, census tracts.

The U. S. Bureau of the Census provides a single vector data set composed of a variety of geographic features - roads, streams and railroads - together with boundaries for all census geography areas. That collection is called a TIGER/Line file. TIGER stands

for topologically integrated geographic encoding and referencing. The lines in the TIGER file are assigned codes that indicate the type of boundary or boundaries they represent and the type of feature they portray. For example, a single line could be coded as a county and census tract boundary, and also as a river. Using these line codes, GIS users can select features they want to analyze.

The census distributes these files in a TIGER format and publishes a Data Users' Guide to explain the format and translate the codes. Although line files can be complicated, they are sometimes the only source for geocode address information. *Note: Many areas, particularly rural parts of the state, do not have complete address information.* Although filled with an assortment of valuable information, TIGER/Line files are quite large and can be difficult to work with. As a convenience to GIS users, Utah's Legislative GIS Office and the Automated Geographic Reference Center have refined the TIGER/Line files prepared for the latest decennial census by creating separate data files for each level of census geography. In addition, files for MCDs, school districts and legislative and congressional districts within Utah are also available.

CENSUS STATISTICS

Associated with the Census Geography

files are the Census Statistics files. These are related files found within the info files of the export files. These files can be accessed by using the JOIN feature in Arc/View or the RELATE command in Arc/Info. The relate field is found under the description of each Census file which contains statistical information.

The U. S. Bureau of the Census Customer Services Office provides a wide range of census products and maintains a list of private vendors who have repackaged census data at <http://www.census.gov> or 301/457-4100. Another valuable source of census information is the Utah NDSI Clearinghouse at <http://clearinghouse.esri.com/ESRIgateway.htm>.

CENSUS BLOCKS (TIGER) 2000

This data set represents the Census Blocks in Utah. The TIGER/Line Census Files were converted by the AGRC into ARC/INFO coverages as part of the 2000 legislative redistricting of Utah. The statistical relate field for this layer is BLOCKCODE.

Source: FGDC-compliant metadata
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County Name>
File name: DAB00.E00
<ftp://ftp.agrc.state.ut.us>

CENSUS BLOCKS (TIGER) 1990

This data set represents the Census Blocks in Utah. The TIGER/Line Census Files were converted by the AGRC into ARC/INFO coverages as part of the 1990 legislative redistricting

of Utah. The statistical relate field for this layer is BLOCKCODE.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County Name>
File name: DAB90.E00
<ftp://ftp.agrc.state.ut.us>

CENSUS BLOCK GROUPS (TIGER) 2000

This data set represents the Census Block Groups in Utah. The TIGER/Line Census Files were converted by the AGRC into ARC/INFO coverages as part of the 2000 legislative redistricting of Utah. The statistical relate field for this layer is BRGPCODE.

Source: FGDC-compliant metadata
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County Name>
File name: DAG00.E00
<ftp://ftp.agrc.state.ut.us>

CENSUS BLOCK GROUPS (TIGER) 1990

This data set represents the Census Block Groups in Utah. The TIGER/Line Census Files were converted by the AGRC into ARC/INFO coverages as part of the 1990 legislative redistricting of Utah. The statistical relate field for this layer is BRGPCODE.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: County

SGID Directory: CO100/<County
Name>

File name: DAG90.E00

<ftp://ftp.agrc.state.ut.us>

CENSUS COUNTY DIVISIONS (TIGER) 2000

This data set represents the Census County Divisions in Utah. The TIGER/Line Census Files were converted by the AGRC into ARC/INFO coverages as part of the 2000 legislative redistricting of Utah. The statistical relate field for this layer is CCDCODE.

Source: FGDC-compliant metadata

Scale: 1:100,000

State Coverage: Full

Tile unit: County

SGID Directory: CO100/<County
Name>

File name: DAC00.E00

<ftp://ftp.agrc.state.ut.us>

CENSUS COUNTY DIVISIONS (TIGER) 1990

This data set represents the Census County Divisions in Utah. The TIGER/Line Census Files were converted by the AGRC into ARC/INFO coverages as part of the 1990 legislative redistricting of Utah. The statistical relate field for this layer is CCDCODE.

Source: FGDC-compliant [metadata](#)

Scale: 1:100,000

State Coverage: Full

Tile unit: County

SGID Directory: CO100/<County
Name>

File name: DAC90.E00

<ftp://ftp.agrc.state.ut.us>

CENSUS PLACES (TIGER) 2000

This data set represents the Census

Places in Utah. The TIGER/Line Census Files were converted by the AGRC into ARC/INFO coverages as part of the 2000 legislative redistricting of Utah. The statistical relate field for this layer is PLACECODE.

Source: FGDC-compliant metadata

Scale: 1:100,000

State Coverage: Full

Tile unit: County

SGID Directory: CO100/<County
Name>

File name: DAP00.E00

<ftp://ftp.agrc.state.ut.us>

CENSUS PLACES (TIGER) 1990

This data set represents the Census Places in Utah. The TIGER/Line Census Files were converted by the AGRC into ARC/INFO coverages as part of the 1990 legislative redistricting of Utah. The statistical relate field for this layer is PLACECODE.

Source: FGDC-compliant [metadata](#)

Scale: 1:100,000

State Coverage: Full

Tile unit: County

SGID Directory: CO100/<County
Name>

File name: DAP90.E00

<ftp://ftp.agrc.state.ut.us>

CENSUS TRACTS (TIGER) 2000

This data set represents the 2000 Census Tracts in Utah. The TIGER/Line Census Files were converted by the AGRC into ARC/INFO coverages as part of the 2000 legislative redistricting of Utah. The statistical relate field for this layer is TRACTCODE.

Source: FGDC-compliant metadata

Scale: 1:100,000
 State Coverage: Full
 Tile unit: County
 SGID Directory: CO100/<County
 Name>
 File name: DAT00.E00
 ftp://ftp.agrc.state.ut.us

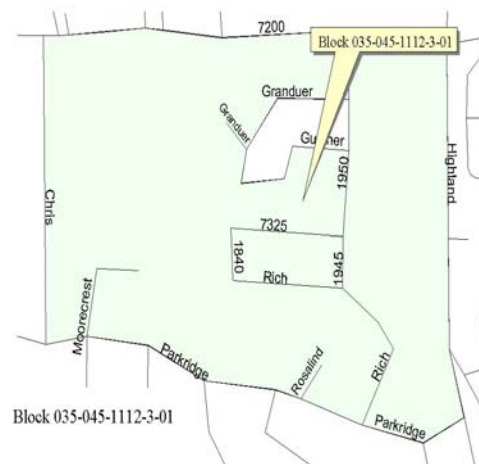
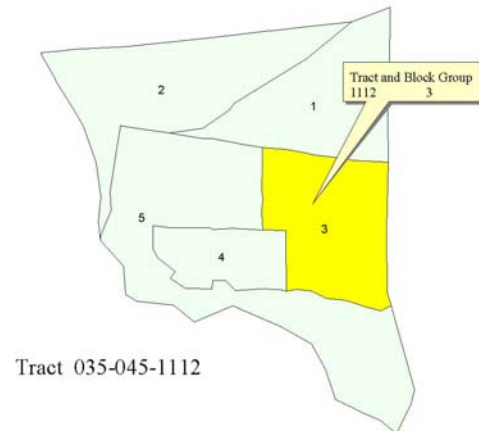
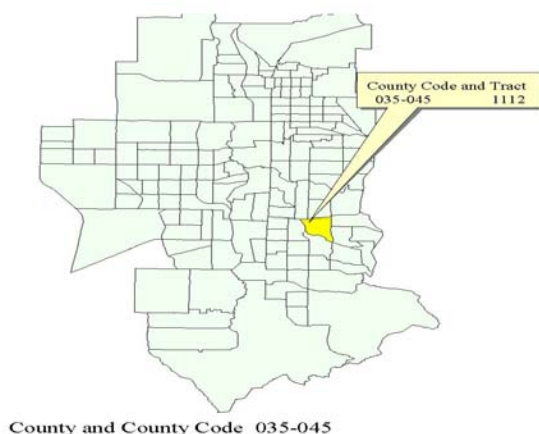
CENSUS TRACTS (TIGER) 1990

This data set represents the 1990 Census Tracts in Utah. The TIGER/Line Census Files were converted by the AGRC into ARC/INFO coverages as part of the 1990 legislative redistricting of Utah. The statistical relate field for this layer is TRACTCODE.

Source: FGDC-compliant [metadata](#)
 Scale: 1:100,000
 State Coverage: Full
 Tile unit: County
 SGID Directory: CO100/<County
 Name>
 File name: DAT90.E00
<ftp://ftp.agrc.state.ut.us>

HIERARCHY OF CENSUS GEOGRAPHY

Census statistics are collected and aggregated at four levels: county, census tract, block group and block.



PHYSICAL AND BIOLOGICAL

Utah's greatest investment in public geographic data concerns the natural environment. In this section environmental data is subdivided into ten categories: CLIMATE represents data about the weather and its effects on Utah and weather stations cooperating with the Utah State University Climate Center. CULTURAL FEATURES lists data that represents features relating to the people of the State of Utah. ENVIRONMENTAL represents data that involves elements effecting the environment. GEOGRAPHIC FEATURES includes data involving the geography of the land. GEOLOGY data involves data about the geological features and elements of the land. HISTORICAL represents historic trails such as the Pony Express Trail in Utah. HYDROGRAPHY is data representing locations of streams, lakes, wetlands, watersheds and associated subsurface water features. HYP SOGRAPHY describes the contours and elevations of the land surface. LAND COVER describes the state's wide variety of soils. VEGETATION shows how agriculture, urbanization, forests and other vegetation characteristics are distributed.

CLIMATE

AVALANCHE PATHS

These data represent avalanche paths in the Wasatch Canyons within Salt Lake County.

Source: FGDC-compliant [metadata](#)
Scale: 1:24,000
State coverage: Salt Lake County
Tile unit: 7.5-minute Quadrangle
SGID Directory: QD024/<Quad #>
File name: CLAVA.e00
<ftp://ftp.agrc.state.ut.us>

WEATHER STATIONS

This data set represents weather stations cooperating with the Utah State University Climate Center to record detailed meteorological data. Station locations outside the USU network were determined from geographic coordinates provided by the agency operating that station. The USU network stations already existed as digital geospatial data.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: State
SGID Directory: ST100
File name: CFWEA.e00
<ftp://ftp.agrc.state.ut.us>

CULTURAL FEATURES

CEMETERIES

This data set contains data compiled from the Geographic Names Information System (GNIS) that was developed by the USGS. The data contains names and locations of cemeteries found in Utah. It is point coverage.

Source: FGDC-compliant metadata
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County>
File name: CFCEM.e00
<ftp://ftp.agrc.state.ut.us>

CEMETERIES

This data set represents an inventory of private and public cemeteries that responded to a survey sent out by the Division of State History.

Source: FGDC-compliant metadata
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: CFCEM.e00
<ftp://ftp.agrc.state.ut.us>

CHURCHES

This data set contains data compiled from the Geographic Names Information System (GNIS) that was developed by the USGS. The data contains the names and locations of the churches found in Utah. This is a point coverage.

Source: FGDC-compliant metadata
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County>
File name: CFCHR.e00
<ftp://ftp.agrc.state.ut.us>

HOSPITALS

This data set contains data compiled from the Geographic Names Information System (GNIS) that was developed by the USGS. The data contains the names and locations of the hospitals found in Utah. This is a point coverage.

Source: FGDC-compliant metadata
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County>

File name: CFHOS.e00
<ftp://ftp.agrc.state.ut.us>

MILITARY BASES

This data set represents the Military Bases and Army Depots found in Utah. It was acquired from the Data CD distributed by ESRI for use by the public. See metadata for distribution rights.

Source: FGDC-compliant metadata
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: CFMIL.e00
<ftp://ftp.agrc.state.ut.us>

POST OFFICES

This data set contains data compiled from the Geographic Names Information System (GNIS) that was developed by the USGS. The data contains the names and locations of the post offices found in Utah. This is a point coverage.

Source: FGDC-compliant metadata
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County>
File name: CFPST.e00
<ftp://ftp.agrc.state.ut.us>

PUBLIC FACILITIES (POINTS)

This data set represents public facilities such as institutions, schools, forest ranger stations and forest offices, cemeteries, churches, hospitals and state prisons. It was acquired from the Data CD distributed by ESRI for use by

the public. See metadata for distribution rights.

Source: FGDC-compliant metadata
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: CFINT.e00
<ftp://ftp.agrc.state.ut.us>

PUBLIC SERVICE FACILITIES

This data set represents the public service facilities (hospitals, schools, police and fire stations and ambulance centers) for the counties of Davis, Salt Lake and Utah in the State of Utah. These data from 1990 are no longer current.

Source: FGDC-compliant [metadata](#)
Scale: 1:24,000
State coverage: Partial
Tile unit: 7.5 Quadrangle
SGID Directory: QD024/<Quad #>
File name: CFPSF.e00
<ftp://ftp.agrc.state.ut.us>

RECREATIONAL AREAS

This data set represents the recreational areas found in Utah, including campgrounds, golf courses and ski resorts. It was acquired from the Data CD distributed by ESRI for use by the public. See metadata for distribution rights.

Source: FGDC-compliant metadata
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: CFREC.e00
<ftp://ftp.agrc.state.ut.us>

RETAIL MALLS

This data set represents the retail malls found throughout the state. It was acquired from the Data CD distributed by ESRI for use by the public. See metadata for distribution rights.

Source: FGDC-compliant metadata
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: CFRET.e00
<ftp://ftp.agrc.state.ut.us>

SCHOOLS (K-12)

This data set contains data compiled from the Geographic Names Information System (GNIS) that was developed by the USGS. The data contains the names and locations of the schools found in Utah. This is a point coverage.

Source: FGDC-compliant metadata
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County>
File name: CFSCH.e00
<ftp://ftp.agrc.state.ut.us>

UNIVERSITIES

This data set contains data compiled from the Geographic Names Information System (GNIS) that was developed by the USGS. The data contains the names of the universities and colleges found in Utah. This is a point coverage.

Source: FGDC-compliant metadata
Scale: 1:100,000
State coverage: Full
Tile unit: County

SGID Directory: CO100/<County>
File name: CFUNV.e00
<ftp://ftp.agrc.state.ut.us>

POST OFFICES

This data set contains data compiled from the Geographic Names Information System (GNIS) that was developed by the USGS. The data contains the names of the post offices found in the GNIS. This is a point coverage.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County>
File name: CFPST.e00
<ftp://ftp.agrc.state.ut.us>

ENVIRONMENTAL

AIR CRITERIA RELEASE LOCATIONS

This data set represents locations from the Utah Department of Environmental Quality, Division of Air Quality's (DAQ) Criteria Air pollutant emissions yearly inventory.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: State
Tile unit: County
SGID Directory: CO100/<County Name>
File name: ENACR.e00
<ftp://ftp.state.ut.us>

CERCLA SITES

This data set represents the sites listed in the Comprehensive Environmental Response, Compensation and Liability System (CERCLA) as of the 1997

publication date. The coordinate data were created and utilized by the Utah Department of Environmental Quality, Division of Environmental Response and Remediation (DERR) for the plotting of CERCLA sites on maps depicting the state and several counties. The locations are potential EPA Superfund sites to be reviewed at a later date, not known contaminated areas.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County Name>
File name: ENCER.e00
<ftp://ftp.agrc.state.ut.us>

LAKE MONITORING SITES

This data set represents lake water quality monitoring sites based on the generation of points from latitude, longitude coordinates furnished by the Utah Department of Environmental Quality, Division of Water Quality (DWQ). This coverage is limited to only active monitoring sites and may not include all that exist.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County Name>
File name: ENLAM.e00
<ftp://ftp.agrc.state.ut.us>

POINT SOURCE MONITORING SITES

This data set represents point source water quality monitoring sites in Utah. The locations were generated from

latitude, longitude coordinates furnished by the Utah Department of Environmental Quality, Division of Water Quality (DWQ).

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County Name>
File name: ENPSM.e00
<ftp://ftp.agrc.state.ut.us>

RCRA SITES

This data set represents active hazardous waste sites in Utah. Locations were determined from addresses furnished by the Utah Department of Environmental Quality (DEQ).

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County Name>
File name: ENRCR.e00
<ftp://ftp.agrc.state.ut.us>

STREAM MONITORING SITES

This data set represents stream water quality monitoring sites in Utah. The locations were generated from latitude/longitude coordinates furnished by the Utah Department of Environmental Quality, Division of Water Quality (DWQ).

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: County

SGID Directory: CO100/<County Name>
File name: ENSTM.e00
<ftp://ftp.agrc.state.ut.us>

TITLE3 SITES

This data set represents sites in Utah with hazardous material storage. Locations were determined by the Utah Department of Environmental Quality (DEQ).

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County Name>
File name: ENTL3.e00
<ftp://ftp.agrc.state.ut.us>

TOXIC RELEASE INVENTORY

This data set represents the locations of those sites releasing toxic emissions in Utah. The data was furnished by the Department of Environmental Quality, Division of Environmental Response & Remediation (DERR).

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County Name>
File name: ENTRI.e00
<ftp://ftp.agrc.state.ut.us>

UNDERGROUND STORAGE TANKS

This data set represents the locations of underground storage tanks based on address matching using 1992 TIGER files, LORAN locating, GPS locating and

manual digitizing using the same TIGER files as reference.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County Name>
File name: ENUST.e00
<ftp://ftp.agrc.state.ut.us>

UPDES SITES

This data set represents the Utah Pollution Discharge Elimination System (UPDES) site locations where discharges to groundwater occur. Locations are based on address matching using 1990 preliminary TIGER files and manual digitizing using the same TIGER files as reference.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County Name>
File name: ENUPD.e00
<ftp://ftp.agrc.state.ut.us>

GEOGRAPHIC FEATURES

TIGER FEATURE NAMES 2000

This data set represents 2000 TIGER Feature Names. The data were converted from 2000 preliminary TIGER/Line Census Files. GFTIG can be RELATED to the Census Feature Class Code (CFCC) and the feature name for all line segments in the TIGER/Line file.

Source: FGDC-compliant metadata

Scale: 1:100,000
State coverage: Full
Tile unit: CO100
SGID Directory: CO100/<County Name>
File name: GFTIG.e00
<ftp://ftp.agrc.state.ut.us>

GENERAL MAP ANNOTATION

This data set contains only annotation. No features or attributes are present. The data were developed for the mapping project done by the AGRC for the Bear River Commission.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Partial
Tile unit: 30x60-minute Quadrangle
SGID Directory: QU100/<Quad #>
File name: GFGEN.e00
<ftp://ftp.agrc.state.ut.us>

GEOGRAPHIC FEATURE NAMES

This data set contains data compiled from the Geographic Names Information System (GNIS) that was developed by the USGS. The data contains the names of geographic features found in the GNIS. These features include valleys, gaps, basins, summits, flats, ridges, pillars, ranges, arches, benches, bends and cliffs. This is a point coverage.

Source: FGDC-compliant metadata
Scale: 1:100,000
State coverage: Partial
Tile unit: 30x60-minute Quadrangle
SGID Directory: QU100/<Quad #>
File name: GFGRF.e00
<ftp://ftp.agrc.state.ut.us>

FEATURE NAMES

This layer contains data from the Geographic Names Information System (GNIS) that was developed by the USGS “to meet major national needs regarding geographic names and their standardization and dissemination.”

The data consist of point locations with corresponding feature names. All point entities are categorized by feature type. This is the current 2000 GNIS data set.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: 30x60-minute Quadrangle
SGID Directory: QU100/<Quad #>
File name: GFNAM.e00
<ftp://ftp.agrc.state.ut.us>

PLACE NAMES

This data set represents place names of cities, towns and municipalities. Only annotation is present in this data set.

Source: FGDC-compliant [metadata](#)
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: GFPLN.e00
<ftp://ftp.agrc.state.ut.us>

GEOLOGY

COAL DEPOSIT AREAS

This data set represents areas of coal deposits in Utah. The data were prepared for the Bureau of Mines Special Report: “Availability of Federally Owned Minerals for Exploration and Development in Western States: Utah, 1988.” The areas are referred to as

“Known Mineral Deposit Areas” or “KMDAs.” KMDAs are further divided into three categories according to the value of production and resource: 1) High-value KMDA, 2) Moderate-value KMDA, 3) Low-value or unknown/unranked areas.

Source: FGDC-compliant [metadata](#)
Scale: 1:250,000
State coverage: Full
Tile unit: 1x2 degree Quadrangle
SGID Directory: QA250/<Quad #>
File name: GLCOL.e00
<ftp://ftp.agrc.state.ut.us>

CRIB DATA

This data set represents mineral locations from in the Commodity Resource Information Board (CRIB) tabular database. The geographic coordinates were obtained from the Utah Geological Survey (UGS) and converted to ARC/INFO GENERATE format by the AGRC.

Source: FGDC-compliant [metadata](#)
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: GLCRB.e00
<ftp://ftp.agrc.state.ut.us>

ENERGY RESOURCES (POLYGONS)

This data set represents energy resources depicted as polygons on the Energy Resources Map of Utah from which the data were digitized. The line data from this source is in the SGID layer ST500.GLENL and the point data resides in ST500.GLENX.

Source: FGDC-compliant [metadata](#)

Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: GLENA.e00
<ftp://ftp.agrc.state.ut.us>

ENERGY RESOURCES (LINES)

This data set represents energy resources depicted as lines on the Energy Resources Map of Utah from which the data were digitized. The polygon data from this source is in the SGID layer ST500.GLENA and the point data resides in ST500.GLENX.

Source: FGDC-compliant [metadata](#)
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: GLENL.e00
<ftp://ftp.agrc.state.ut.us>

ENERGY RESOURCES (POINT)

This data set represents energy resources depicted as points on the Energy Resources Map of Utah from which the data were digitized. The polygon data from this source is in the SGID layer ST500.GLENA and the line data resides in ST500.GLENL.

Source: FGDC-compliant [metadata](#)
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: GLENX.e00
<ftp://ftp.agrc.state.ut.us>

ENGINEERING PROBLEMS - SOIL & ROCK CAUSING (POLYGON)

This data set represents engineering geologic problem sites depicted as polygons on the map published in Soil and Rock Causing Engineering Geologic Problems in Utah (W. E. Mulvey, UGS Special Study 80, 1992). The published map contains two categories of data: documented occurrences of problem soil and rock (point data) and areas with soil and rock with the potential to cause engineering geologic problems (polygon data). This layer contains only the polygon data. The point data resides in ST500.GLEPX.

Source: FGDC-compliant [metadata](#)
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: GLEPA.e00
<ftp://ftp.agrc.state.ut.us>

ENGINEERING PROBLEMS - SOIL & ROCK CAUSING (POINT)

This data set represents engineering geologic problem sites depicted as points on the map contained in Soil and Rock Causing Engineering Geologic Problems in Utah (W. E. Mulvey, UGS Special Study 80, 1992). The published map contains two categories of data: documented occurrences of problem soil and rock (point data) and areas with soil and rock with the potential to cause engineering geologic problems (polygon data). This layer contains only the point data. The polygon data resides in ST500.GLEPA.

Source: FGDC-compliant [metadata](#)

Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: GLEPX.e00
<ftp://ftp.agrc.state.ut.us>

EPICENTERS, MODERN

This data set represents the locations of earthquake epicenters in Utah recorded by the University of Utah Seismograph Stations. The data recording began in July 1962 and has continued to present (2001). The July 1, 1962 to September 30, 1974 data are based on instrumental earthquake locations from a skeletal regional seismic network (less than 26 stations statewide). Beginning in October 1974, the data are from a dense network of high-gain telemetered stations with significantly better locations and magnitude determinations than those for the previous period.

Source: FGDC-compliant [metadata](#)
Scale: 1:24,000
State coverage: Full
Tile unit: State
SGID Directory: ST024
File name: GLEPM.e00
<ftp://ftp.agrc.state.ut.us>

FAULT LINES

This data set represents geologic fault lines for a limited area along the Wasatch Front in Utah.

Source: FGDC-compliant [metadata](#)
Scale: 1:24,000
State coverage: Partial
Tile unit: 7.5-minute Quadrangle
SGID Directory: QD024/<Quad #>
File name: GLFLT.e00
<ftp://ftp.agrc.state.ut.us>

GEOLOGIC FORMATIONS

This data set represents the geologic formations found in Utah. The data was digitized and published by the Utah Geologic Survey in 2000.

Sources: FGDC-compliant metadata
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File Name: GLGFM.e00
<ftp://ftp.agrc.state.ut.us>

GEOLOGIC VCONES

This data set represents the geologic vcones found in Utah. The data was digitized and published by the Utah Geologic Survey in 2000.

Sources: FGDC-compliant metadata
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File Name: GLGVC.e00
<ftp://ftp.agrc.state.ut.us>

GEOLOGIC DIKES

This data set represents the geologic dikes found in Utah. The data was digitized and published by the Utah Geologic Survey in 2000.

Sources: FGDC-compliant metadata
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File Name: GLGDK.e00
<ftp://ftp.agrc.state.ut.us>

GEOLOGIC FAULTS

This data set represents the geologic faults found in Utah. The data was digitized and published by the Utah Geologic Survey in 2000.

Sources: FGDC-compliant metadata
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File Name: GLGFT.e00
ftp://ftp.agrc.state.ut.us

GEOLOGIC CONTACTS

This data set represents the geologic contacts found in Utah. The data was digitized and published by the Utah Geologic Survey in 2000.

Sources: FGDC-compliant metadata
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File Name: GLGCN.e00
ftp://ftp.agrc.state.ut.us

GEOLOGIC MARKERS

This data set represents the geologic markers found in Utah. The data was digitized and published by the Utah Geologic Survey in 2000.

Sources: FGDC-compliant metadata
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File Name: GLGMK.e00
ftp://ftp.agrc.state.ut.us

GEOLOGIC VEINS

This data set represents the geologic veins found in Utah. The data was digitized and published by the Utah Geologic Survey in 2000.

Sources: FGDC-compliant metadata
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File Name: GLGVN.e00
ftp://ftp.agrc.state.ut.us

GLACIERS

This data set contains data compiled from the Geographic Names Information System (GNIS) that was developed by the USGS. The data contains the location and name of the glaciers found in the GNIS. This is a point coverage.

Source: FGDC-compliant metadata
Scale: 1:100,000
State coverage: Partial
Tile unit: 30x60-minute Quadrangle
SGID Directory: QU100/<Quad #>
File name: GLGLA.e00
ftp://ftp.agrc.state.ut.us

LANDSLIDE POTENTIAL

This data set represents areas with landslide and liquefaction potential in Salt Lake and Davis Counties. Loren Anderson of Utah State University provided the original manuscript maps.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Partial
Tile unit: County
SGID Directory: CO100/<County Name>

File name: GLLAP.e00
<ftp://ftp.agrc.state.ut.us>

LANDSLIDES

This data set represents landslides in Utah that have been mapped at the listed scales. Data were manually compiled to 1:100,000 from sources with scales of 1:24,000 to 1:125,000. The 1:100,000 maps were then composited onto the 1963 USGS State of Utah Base Map and published at 1:500,000 as Utah Geological Survey Map 133 (1991). The 1:100,000 compiled maps were also published in 46 individual Utah Geological Survey Open-File Reports: "Landslide map of the ...30' x 60' quadrangle, Utah" (Harty, UGS, 1992-3), scale 1:100,000. The San Rafael Desert quad (Q2727) contains no data since no landslides had been mapped in the area at a resolution of 1:125,000 or better as of the compilation in 1991. Some features are too small to be accurately represented at 1:100,000.

Source: FGDC-compliant [metadata](#)
Scale: Multi-scale
State coverage: Full
Tile unit: 30x60-minute Quadrangle
SGID Directory: QU100/<Quad #>
File name: GLLAS.e00
<ftp://ftp.agrc.state.ut.us>

LIQUEFACTION POTENTIAL

This data set represents the liquefaction potential for Box Elder, Cache, Davis, Salt Lake, Utah and Weber Counties. The maps were digitized by Janine Jarva, Utah Geological Survey (UGS), from original mylars provided by Loren Anderson of Utah State University (USU). The maps were published in four UGS Contract Reports in 1994.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Partial
Tile unit: County
SGID Directory: CO100/<County Name>
File name: GLLQF.e00
<ftp://ftp.agrc.state.ut.us>

LOCATABLE MINERAL AREAS

This data set represents areas of locatable mineral deposits in Utah. It was prepared for the Bureau of Mines Special Report: "Availability of Federally Owned Minerals for Exploration and Development in Western States: Utah, 1988." The areas are referred to as "Known Mineral Deposit Areas" or "KMDAs." KMDAs are further divided into three categories according to the value of production and resource: 1) High-value KMDA, 2) Moderate-value KMDA, 3) Low-value or unknown/unranked areas.

Source: FGDC-compliant [metadata](#)
Scale: 1:250,000
State coverage: Full
Tile unit: 1x2 degree Quadrangle
SGID Directory: QA250/<Quad #>
File name: GLLOC.e00
<ftp://ftp.agrc.state.ut.us>

MINES

This data set contains data compiled from the Geographic Names Information System (GNIS) that was developed by the USGS. The data contains the names of geographic features found in the GNIS. These data contain the locations and names of mines found in Utah. This is a point coverage.

Source: FGDC-compliant metadata

Scale: 1:100,000
State coverage: Partial
Tile unit: 30x60-minute Quadrangle
SGID Directory: QU100/<Quad #>
File name: GLMIN.e00
<ftp://ftp.agrc.state.ut.us>

MOUNTAIN PEAKS AND PASSES

This data set contains data compiled from the Geographic Names Information System (GNIS) that was developed by the USGS. The data contains the names of geographic features found in the GNIS. These data contain the locations and names of mountain peaks and passes found in Utah. This is a point coverage.

Source: FGDC-compliant metadata
Scale: 1:100,000
State coverage: Partial
Tile unit: 30x60-minute Quadrangle
SGID Directory: QU100/<Quad #>
File name: GLSUM.e00
<ftp://ftp.agrc.state.ut.us>

OIL & GAS AREAS

This data set represents areas of oil and natural gas deposits in Utah. The data were prepared for the Bureau of Mines Special Report: "Availability of Federally Owned Minerals for Exploration and Development in Western States: Utah, 1988." The areas are referred to as "Known Mineral Deposit Areas" or "KMDAs." KMDAs are further divided into three categories according to the value of production and resource: 1: High-value KMDA, 2) Moderate-value KMDA, 3) Low-value or unknown/unranked areas.

Source: FGDC-compliant [metadata](#)
Scale: 1:250,000

State coverage: Full
Tile unit: 1x2 degree Quadrangle
SGID Directory: QA250/<Quad #>
File name: GLOLG.e00
<ftp://ftp.agrc.state.ut.us>

OIL SHALE & RELATED BITUMINOUS SUBSTANCES AREAS

This data set represents oil shale and related bituminous substances areas of deposit. The data were prepared for the Bureau of Mines Special Report: "Availability of Federally Owned Minerals for Exploration and Development in Western States: Utah, 1988." The areas are referred to as "Known Mineral Deposit Areas" or "KMDAs." KMDAs are further divided into three categories according to the value of production and resource: 1: High-value KMDA, 2) Moderate-value KMDA, 3) Low-value or unknown/unranked areas.

Source: FGDC-compliant [metadata](#)
Scale: 1:250,000
State coverage: Full
Tile unit: 1x2 degree Quadrangle
SGID Directory: QA250/<Quad #>
File name: GLOSB.e00
<ftp://ftp.agrc.state.ut.us>

OIL FIELDS

This data set contains data compiled from the Geographic Names Information System (GNIS) that was developed by the USGS. The data contains the names of geographic features found in the GNIS. These data contain the locations and names of oil fields found in Utah. This is a point coverage.

Source: FGDC-compliant metadata

Scale: 1:100,000
State coverage: Partial
Tile unit: 30x60-minute Quadrangle
SGID Directory: QU100/<Quad #>
File name: GLOIL.e00
<ftp://ftp.agrc.state.ut.us>

PHOSPHATE DEPOSIT AREAS

This data set represents phosphate deposit areas in Utah. The data were prepared for the Bureau of Mines Special Report: "Availability of Federally Owned Minerals for Exploration and Development in Western States: Utah, 1988." The areas are referred to as "Known Mineral Deposit Areas" or "KMDAs." KMDAs are further divided into three categories according to the value of production and resource: 1) High-value KMDA, 2) Moderate-value KMDA, 3) Low-value or unknown/unranked areas.

Source: FGDC-compliant [metadata](#)
Scale: 1:250,000
State coverage: Full
Tile unit: 1x2 degree Quadrangle
SGID Directory: QA250/<Quad #>
File name: GLPHS.e00
<ftp://ftp.agrc.state.ut.us>

PHYSIOGRAPHIC SUBDIVISIONS

This data set represents the physiographic subdivisions of Utah as defined by W. L. Stokes on his 1977 map published in "Geology of Utah," Utah Geological and Mineral Survey, 1986. The layer was digitized by the AGRC from 8.5 x 11-paper copy of the original as published in the book.

Source: FGDC-compliant [metadata](#)
Scale: 1:500,000
State coverage: Full

Tile unit: State
SGID Directory: ST500
File name: GLPHY.e00
<ftp://ftp.agrc.state.ut.us>

POTASH DEPOSIT AREAS

This data set represents areas of potash deposits in Utah. The data were prepared for the Bureau of Mines Special Report: "Availability of Federally Owned Minerals for Exploration and Development in Western States: Utah, 1988." The areas are referred to as "Known Mineral Deposit Areas" or "KMDAs." KMDAs are further divided into three categories according to the value of production and resource: 1) High-value KMDA, 2) Moderate-value KMDA, 3) Low-value or unknown/unranked areas.

Source: FGDC-compliant [metadata](#)
Scale: 1:250,000
State coverage: Full
Tile unit: 1x2 degree Quadrangle
SGID Directory: QA250/<Quad #>
File name: GLPOT.e00
<ftp://ftp.agrc.state.ut.us>

QUATERNARY DEFORMATION

This data set represents the mapped quaternary deformation in the state of Utah at scales of 1:20,000 to 1:100,000. The data were published in "Quaternary Tectonics of Utah" (Hecker, Utah Geological Survey Bulletin 127, 1993).

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: State
SGID Directory: ST100
File name: GLQDF.e00
<ftp://ftp.agrc.state.ut.us>

QUATERNARY FAULTS AND FOLDS

This data set represents the quaternary mapped faults and folds in the state of Utah at scales of 1:20,000 to 1:100,000. The data were published in "Quaternary Tectonics of Utah" (Hecker, Utah Geological Survey Bulletin 127, 1993). The source scale for each feature is identified within the attributes.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: State
SGID Directory: ST100
File name: GLQFF.e00
<ftp://ftp.agrc.state.ut.us>

QUATERNARY VOLCANIC FLOW

This data set represents the mapped quaternary volcanic flow in the state of Utah at scales of 1:20,000 to 1:100,000. The data were published in "Quaternary Tectonics of Utah" (Hecker, Utah Geological Survey Bulletin 127, 1993).

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: State
SGID Directory: ST100
File name: GLQVF.e00
<ftp://ftp.agrc.state.ut.us>

QUATERNARY VOLCANIC VENTS

This data set represents the mapped quaternary volcanic vents in the state of Utah at scales of 1:20,000 to 1:100,000. The data were published in "Quaternary Tectonics of Utah" (Hecker, Utah Geological Survey Bulletin 127, 1993).

Source: FGDC-compliant [metadata](#)

Scale: 1:100,000
State coverage: Full
Tile unit: State
SGID Directory: ST100
File name: GLQVV.e00
<ftp://ftp.agrc.state.ut.us>

SHALLOW GROUND WATER

This data set represents the depth to groundwater in Utah defined by areas. Original manuscript maps were provided by the Utah Geological Survey (UGS) and digitized by the AGRC. The final data products were verified and approved by the UGS.

Source: FGDC-compliant [metadata](#)
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: GLSGW.e00
<ftp://ftp.agrc.state.ut.us>

SLIDE AREAS

This data set represents geologic slide areas for a limited area along the Wasatch Front within Davis, Salt Lake and Wasatch Counties in Utah.

Source: FGDC-compliant [metadata](#)
Scale: 1:24,000
State coverage: Partial
Tile unit: 7.5-minute Quadrangle
SGID Directory: QD024/<Quad #>
File name: GLSLA.e00
<ftp://ftp.agrc.state.ut.us>

HISTORICAL

PONY EXPRESS ROUTE

This data set represents the Pony Express Trail in Utah. The data were

digitized from an 8.5 x 11-inch map published in "The Pony Express Trail in Utah," Utah State Office of the Bureau of Land Management (BLM), 1976.

Source: FGDC-compliant [metadata](#)
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: HSPNY.e00
<ftp://ftp.agrc.state.ut.us>

HISTORIC TRAILS

This data set represents various routes taken by exploration and settlement parties from 1776 to 1880 in what is now the State of Utah.

Source: FGDC-compliant metadata
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: HSTRL.e00
<ftp://ftp.agrc.state.ut.us>

HYDROGRAPHY

DAMS

This data set contains data compiled from the Geographic Names Information System (GNIS) that was developed by the USGS. The data contains the names of geographic features found in the GNIS. These data contain the locations and names of dams found in Utah. This is a point coverage.

Source: FGDC-compliant metadata
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County>

File name: HDDAM.e00
<ftp://ftp.agrc.state.ut.us>

DAM FAILURE

This data set represents areas of possible flooding due to multiple dam failures within Salt Lake County. The data were digitized by the AGRC from the original mylar map published as Plate 1 in Open File Report 127: Maximum Potential Flooding Due to Simultaneous Failure of Dams in Salt Lake County, Utah (Case, UGMS, 1988).

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Partial
Tile unit: County
SGID Directory: CO100/<County Name>
File name: HDDFA.e00
<ftp://ftp.agrc.state.ut.us>

FLOOD PLAINS

This data set represents the areas in Salt Lake and Utah counties, State of Utah, which are prone to flooding as defined by the Flood Insurance Rate Maps (FIRM) produced by the Federal Emergency Management Agency (FEMA). These 1995 data are the most recent available.

Source: FGDC-compliant [metadata](#)
Scale: 1:24,000
State coverage: Partial
Tile unit: 7.5-minute Quadrangle
SGID Directory: QD024/<Quad#>
File name: HDFPL.e00
<ftp://ftp.agrc.state.ut.us>

GREAT SALT LAKE SHORELINE

This data set represents the geographic extent of the Great Salt Lake shoreline varying water levels. The elevations (expressed in feet) represented are 4200, 4209, 4212 and 4218. Two data sources were combined into this data set, a USGS paper map and Utah Water Resources remotely sensed imagery. Processing data archived at the AGRC can derive other water levels.

Source: FGDC-compliant [metadata](#)
Scale: 1:500,000
State coverage: Partial
Tile unit: State
SGID Directory: ST500
File name: HDGSL.e00
<ftp://ftp.agrc.state.ut.us>

HYDROGRAPHIC NAMES

This data set contains data compiled from the Geographic Names Information System (GNIS) that was developed by the USGS. The data contains the names of geographic features found in the GNIS. These data contain the locations and names of hydrographic features such as streams, springs, falls, arroyos, bars, bays, beaches, canals, capes, channels, dams, islands, lakes, rapids, reservoirs and wells found in Utah. This is a point coverage.

Source: FGDC-compliant metadata
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County>
File name: HDNAM.e00
<ftp://ftp.agrc.state.ut.us>

LAKE BONNEVILLE SHORELINE

This data set represents the geographic extent of the Lake Bonneville shoreline. The data were digitized from the map titled "Restored Outline of Lake Bonneville," published in "Surveys West of the One-Hundredth Meridian," G. K. Gilbert and E. E. Howell, USGS, 1876.

Source: FGDC-compliant [metadata](#)
Scale: 1:500,000
State coverage: Partial
Tile unit: State
SGID Directory: ST500
File name: HDBNV.e00
<ftp://ftp.agrc.state.ut.us>

SPRINGS

This data set represents water bodies in Utah. Several methods and agencies produced the data. The data represents Cartographic Feature Files (CFF) and Digital Line Graph (DLG) data collected by the US Forest Service and US Geological Survey.

Source: FGDC-compliant [metadata](#)
Scale: 1:24,000
State coverage: Full
Tile unit: 7.5-minute Quadrangle
SGID Directory: QD024/<Quad #>
File name: HDSPG.e00
<ftp://ftp.agrc.state.ut.us>

SPRINGS

This data set represents springs in Utah and portions of Arizona, Colorado, Idaho, Nevada, New Mexico and Wyoming that appear on the 1:100,000 scale topographical map series from the U. S. Geological Survey (USGS). The data set was converted from the USGS Digital Line Graph files to ARC/INFO

format by the AGRC.

Source: FGDC-compliant [metadata](#)

Scale: 1:100,000

State coverage: Full, including portions of Arizona, Colorado, Idaho, Nevada, New Mexico and Wyoming

Tile unit: 30x60-minute Quadrangle

SGID Directory: QU100/<Quad #>

File name: HDSPG.e00

<ftp://ftp.agrc.state.ut.us>

SUB-BASIN BOUNDARIES (FOURTH LEVEL)

This data set was developed by the USGS and is certified by the USGS. It is the fourth level Hydrological Catalog Units or Sub-basins.

Source: FGDC-compliant metadata

Scale: 1:250,000

State coverage: Full

Tile unit: 1x2 degrees Quadrangle

SGID Directory: QA250/<Quad #>

File name: HDHUC.e00

<ftp://ftp.agrc.state.ut.us>

SUB-BASIN AND WATERSHED BOUNDARIES (MULTI-LEVEL)

This data set is a digital hydrologic unit boundary taken from the fourth level hydrologic catalog unit to the seventh level. It was developed and maintained as part of a multi-agency data collaboration effort between the USDA Forest Service, USDI Bureau of Land Management and the AGRC to show where the different levels of hydrologic catalog units have been delineated.

Source: FGDC-compliant metadata

Scale: Multi-scale

State coverage: Full

Tile unit: State

SGID Directory: ST500

File name: HDHUC.e00

<ftp://ftp.agrc.state.ut.us>

WATER BODIES

This data set represents water bodies in Utah. Several methods and agencies produced the data. The data represents CFF and DLG data collected by the U. S. Forest Service and U. S. Geological Survey.

Source: FGDC-compliant [metadata](#)

Scale: 1:24,000

State coverage: Full

Tile unit: 7.5-minute Quadrangle

SGID Directory: QD024/<Quad #>

File name: HDWBO.e00

<ftp://ftp.agrc.state.ut.us>

WATER BODIES

This data set represents water bodies in Utah and portions of Arizona, Colorado, Idaho, Nevada, New Mexico and Wyoming that appear on the 1:100,000 scale topographical map series from the U. S. Geological Survey (USGS). The data set was converted from the USGS Digital Line Graph files to ARC/INFO format by the AGRC.

Source: FGDC-compliant [metadata](#)

Scale: 1:100,000

State coverage: Full, including portions of Arizona, Colorado, Idaho, Nevada, New Mexico and Wyoming

Tile unit: 30x60-minute Quadrangle

SGID Directory: QU100/<Quad #>

File name: HDWBO.e00

<ftp://ftp.agrc.state.ut.us>

WATER BODIES

This data set represents the water bodies in Utah. The data set was converted from the USGS Digital Line Graph (DLG) files to ARC/INFO format by the AGRC.

Source: FGDC-compliant [metadata](#)
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: HDWBO.e00
<ftp://ftp.agrc.state.ut.us>

WATER BODIES (TIGER)

This data set represents water bodies that were converted from the 2000 updated TIGER/Line Census files. While not as spatially accurate as other water body layers in the SGID, this layer has the advantage of coinciding with other layers derived from TIGER/Line data.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County Name>
File name: HDWBO.e00
<ftp://ftp.agrc.state.ut.us>

WATER COURSES

This data set represents watercourses in Utah. Several methods and agencies produced the data. This data contains DLG and CFF data collected by US Geological Survey and the US Forest Service. The most current data was used.

Source: FGDC-compliant [metadata](#)
Scale: 1:24,000
State coverage: Full
Tile unit: 7.5-minute Quadrangle
SGID Directory: QD024/<Quad #>
File name: HDWCO.e00
<ftp://ftp.agrc.state.ut.us>

WATER COURSES

This data set represents the water courses in Utah and portions of Arizona, Colorado, Idaho, Nevada, New Mexico and Wyoming that appear on the 1:100,000 scale topographical map series from the U. S. Geological Survey (USGS). The data set was converted from the USGS Digital Line Graph files to ARC/INFO format by the AGRC.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full, including portions of Arizona, Colorado, Idaho, Nevada, New Mexico and Wyoming
Tile unit: 30x60-minute Quadrangle
SGID Directory: QU100/<Quad #>
File name: HDWCO.e00
<ftp://ftp.agrc.state.ut.us>

WATER COURSES

This data set represents the watercourses in Utah. The data set was converted from the USGS Digital Line Graph files to ARC/INFO format by the AGRC.

Source: FGDC-compliant [metadata](#)
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: HDWCO.e00
<ftp://ftp.agrc.state.ut.us>

WATER COURSES (TIGER)

This data set represents watercourses converted from 2000 updated TIGER/Line Census files. While not as spatially accurate as other watercourse layers in the SGID, this layer has the advantage of coinciding with other layers derived from TIGER/Line data and includes stream names.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County Name>
File name: HDWCO.e00
<ftp://ftp.agrc.state.ut.us>

WATERSHED BOUNDARIES

This data set represents the major watershed boundaries in Utah. The data were digitized from a paper map prepared by the USDA Soil Conservation Service.

Source: FGDC-compliant [metadata](#)
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: HDWSH.e00
<ftp://ftp.agrc.state.ut.us>

WETLANDS

This data set represents wetland areas in Utah as delineated by the National Wetlands Inventory (NWI) conducted by the U. S. Fish and Wildlife Service (USFWS). Two methods were used for data capture: conversion of USFWS digitized quads from DLG format and in-house digitizing from mylars.

Source: FGDC-compliant [metadata](#)
Scale: 1:24,000
State coverage: Full
Tile unit: 7.5-minute Quadrangle
SGID Directory: QD024/<Quad #>
File name: HDWLA.e00
<ftp://ftp.agrc.state.ut.us>

HYPSOGRAPHY

CONTOURS

This data set represents the elevation contour lines for Utah. The interval is 500 feet and is stated above mean sea level. The data set was converted to ARC/INFO by the AGRC from USGS Digital Line Graph (DLG) files.

Source: FGDC-compliant [metadata](#)
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: HPCON.e00
<ftp://ftp.agrc.state.ut.us>

USGS 90 METER DEM'S

This directory contains 90-meter DMA Digital Elevation Model (DEM) data. These data consist of a two-dimensional array of elevation points spaced 3 arc-seconds apart (roughly 72 by 90 meters in Utah). Elevations are in meters relative to mean sea level.

Source: USGS
Scale: 1:250,000
State coverage: Full
Format: USGS DEM
Tile unit: 1x2 degree Quadrangle
SGID Directory: 90 meter DEM
File name: <Ohio Code>.exe (See Readme File for Ohio Code)
<ftp://ftp.agrc.state.ut.us>

USGS 30 METER DEM'S

This directory contains 30-meter Digital Elevation Model (DEM) data published by the USGS. These data consist of a two-dimensional array of elevation points. Elevations are in meters relative to mean sea level.

Source: USGS
State coverage: Full
Scale: 1:24,000
Format: USGS DEM
Tile unit: 7.5-minute Quadrangle
SGID Directory: 30 meter DEM
File name: <Ohio Code>.exe (See
Readme File for Ohio Code)
<ftp://ftp.agrc.state.ut.us>

USGS 10 METER DEM'S

This directory contains 10-meter Digital Elevation Model (DEM) data published by the USGS. These data consist of a two-dimensional array of elevation points. Elevations are in meters relative to mean sea level.

Source: USGS
State coverage: Partial
Scale: 1:24,000
Format: USGS DEM
Tile unit: 7.5-minute Quadrangle
SGID Directory: 10 meter DEM
File name: <Ohio Code>.exe (See
Readme File for Ohio Code)
<ftp://ftp.agrc.state.ut.us>

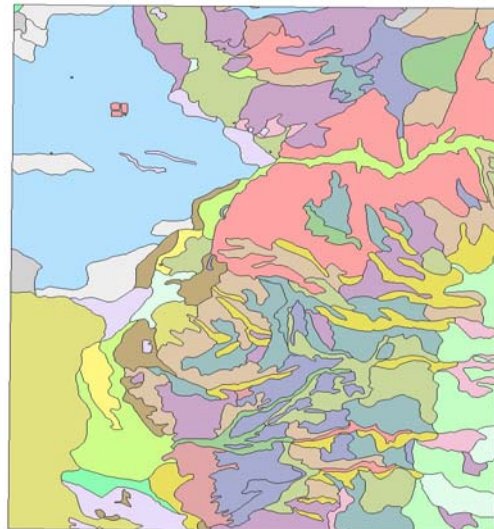
LAND COVER

SOILS

This data set consists of digital soil surveys. It is generally the most detailed level of soil geographic data developed by the National Cooperative Soil Survey.

The information was prepared by digitizing maps, compiling information onto a planimetric correct base and digitizing or revising digitized maps using remotely sensed and other information.

Source: FGDC-compliant [metadata](#)
Scale: 1:24,000
State coverage: Full
Tile unit: 7.5-minute Quadrangle
SGID Directory: QD024/<Quad #>
File name: LCSOI.e00
<ftp://ftp.agrc.state.ut.us>



Area of the Soils layer in Juab County.

VEGETATION

DISTRIBUTION

This data set represents the statewide distribution of dominant vegetation species in Utah. The data were derived from 1:24,000 scale orthophoto quadrangles, 1:40,000 scale aerial photos and field mapping by the Utah Division of Wildlife Resources.

Source: FGDC-compliant [metadata](#)

Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: VGDIS.e00
<ftp://ftp.agrc.state.ut.us>

NOXIOUS WEED DISTRIBUTION

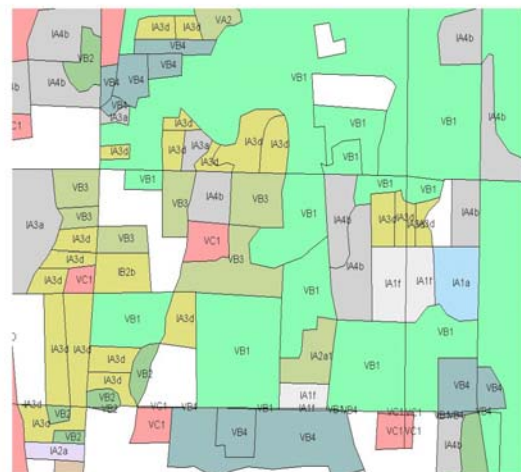
This data set represents the distribution of noxious weeds found along the roadsides of the major roads of Utah. The Utah Division of Transportation collected the data.

Source: FGDC-compliant metadata
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: VGWDS.e00
<ftp://ftp.agrc.state.ut.us>

WATER RELATED LAND USE

This data set represents the water related land use of the State of Utah. The Division of Water Resources compiled the data. Data is current as of 1993.

Source: FGDC-compliant [metadata](#)
Scale: 1:24,000
State coverage: Full
Tile unit: 7.5-minute Quadrangle
SGID Directory: QD024/<Quad #>
File name: LUWRU.e00
<ftp://ftp.agrc.state.ut.us>



Water Related Land Use Coverage in Salt Lake County

REFERENCE SYSTEMS

This data represents various systems used to reference the data found in the SGID to real world coordinates and to explain the numbering format for the different scales. The tile indexes can be used to reference the quadrangle numbers found in the different SGID Directories. The Federal Land Surveys are described within this section.

REFERENCES

Geodetic Control

This data set represents the locations of county monuments in Weber County. The data was generated from state plane coordinates provided by Weber County Office of Surveyor and Engineer.

Source: FGDC-compliant [metadata](#)

Scale: Special Low Scale

State coverage: Partial

Tile unit: County

SGID Directory: COSLO/<County Name>

File name: RSCON.e00

<ftp://ftp.agrc.state.ut.us>

GLOBAL POSITIONING SYSTEM

This data set consists of GPS points in Cache County surveyed as a cooperative effort between Cache County Surveyor's Office, Cadastral Section of the Utah State Office, Bureau of Land Management and the Automated Geographic Reference Center. The point locations were selected by the Cache County Surveyor as known physical locations that were referenced on old county surveys preceding the U. S. Public Land Survey System (PLSS). The objective of the survey was to tie the old county surveys into the PLSS. Resource grade procedures and equipment were used

producing positional accuracies that are not precise.

Source: FGDC-compliant [metadata](#)

Scale: Special Low Scale

State coverage: Partial

Tile unit: County

SGID Directory: COSLO/<County Name>

File name: RSGPS.e00

<ftp://ftp.agrc.state.ut.us>

LATITUDE/LONGITUDE

This data set represents one-degree latitude/longitude graticules as depicted on the 1:500,000 State Map of Utah. The data also includes annotation for labeling the lines. The AGRC converted the data with ARC/INFO from USGS Digital Line Graph (DLG) files.

Source: FGDC-compliant [metadata](#)

Scale: 1:500,000

State coverage: Full

Tile unit: State

SGID Directory: ST500

File name: RSLAL.e00

<ftp://ftp.agrc.state.ut.us>

PUBLIC LAND SURVEY SYSTEM, GEOGRAPHIC COORDINATE DATABASE (GCDB)

This data set represents the quarter-quarter sections for the sections of the Townships of Utah. The Bureau of Land Management (BLM) converted the data

set from coordinate corners of USGS and local surveys. Each section has reference to the quarter section reference, section number, township number and range number. (The QU100 Tile Index should be used to reference the tile unit number.)

Source: FGDC-compliant metadata
Scale: 1:24,000
State coverage: Full
Tile unit: 30x60-minute Quadrangle
SGID Directory: QD024/<Quad #>
File name: RGCDB.e00
<ftp://ftp.agrc.state.ut.us>

PUBLIC LAND SURVEY SYSTEM (SECTIONS)

This data set represents the sections for the Townships of Utah. The data set was converted to ARC/INFO by the AGRC from USGS Digital Line Graph (DLG) files. Each section has reference to the section number, township number and range number.

Source: FGDC-compliant metadata
Scale: 1:24,000
State coverage: Full
Tile unit: 7.5-minute Quadrangle
SGID Directory: QD024/<Quad #>
File name: RSPLS.E00
<ftp://ftp.agrc.state.ut.us>

PUBLIC LAND SURVEY SYSTEM (TOWNSHIP AND RANGE)

This data set represents the Township and Range polygons (no sections) for the State of Utah. The data set was converted to ARC/INFO by the AGRC from USGS Digital Line Graph (DLG) files.

Source: FGDC-compliant [metadata](#)
Scale: 1:500,000

State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: RSPLS.e00
<ftp://ftp.agrc.state.ut.us>

INDEXES

TILE INDEX - 1x2 DEGREE QUADRANGLE

This data set represents the quadrangle boundaries for the fourteen-1x2 degree, 1:250,000 scale quadrangle maps of Utah. Each quadrangle has an identifying number found in the attribute "tile-name." This tile is used to reference data found in the QA250 SGID directory.

Source: FGDC-compliant [metadata](#)
Scale: 1:250,000
State coverage: Full
Tile unit: State
SGID Directory: QA250
File name: INDEX.E00
<ftp://ftp.agrc.state.ut.us>

TILE INDEX - 1x1 DEGREE QUADRANGLE

This data set represents the quadrangle boundaries for the twenty-three-1x1 degree, 1:250,000 scale quadrangle maps of Utah. Each quadrangle has an identifying number found in the attribute "tile-name." This tile is used to reference data found in the QB250 SGID directory.

Source: FGDC-compliant [metadata](#)
Scale: 1:250,000
State coverage: Full
Tile unit: State
SGID Directory: QB250
File name: INDEX.E00
<ftp://ftp.agrc.state.ut.us>

TILE INDEX - 7.5-MINUTE QUADRANGLE

This data set represents 7.5-minute quadrangle boundaries for Utah. Approximately 1542 quads cover the state. Each quad has an identifying number found in the attribute "tile-name." This number is used to reference the data found in the QD024 directory.

Source: FGDC-compliant [metadata](#)
Scale: 1:24,000
State coverage: Full
Tile unit: State
SGID Directory: QD024
File name: INDEX.E00
<ftp://ftp.agrc.state.ut.us>

TILE INDEX - 30x60-MINUTE QUADRANGLE

This data set represents the quadrangle boundaries for the 106 30x60-minute, 1:100,000 scale quadrangle maps of the area defined by a one to three degree buffer around Utah. Each quad has an identifying number found in the attribute "tile-name." This number is used to reference the data found in the QU100 directory.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full, including quads from Arizona, Colorado, Idaho, Nevada, New Mexico and Wyoming
Tile unit: State
SGID Directory: QU100
File name: INDEX.e00
<ftp://ftp.agrc.state.ut.us>

UTAH SGID TIC REFERENCE SYSTEM DOUBLE PRECISION

This data set represents the coordinates of the 1:24,000 quadrangle corners for the quads covering Utah. The data set is used primarily for registration of source materials for digitizing and has double precision coordinates (see ST024.RSTIC for single precision coordinates). The TICs are numbered sequentially along the grid originating above the NW corner of the state and progressing from left to right. Each column (7.5-minutes to the east) is incremented by one. Each row (7.5-minutes to the south) is incremented by 100.

The ID of the northwest corner TIC corresponds to the 7.5-minute quad tile ID in the SGID QD024 library. In the example below, the quad is Q2317 and illustrates the numbering scheme for a typical quad:

```
2317+-----+2318
      |       |
      | QUAD#  |
      | Q2317  |
      |       |
      |       |
2417+-----+2418
```

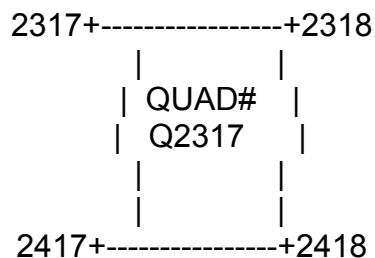
Source: FGDC-compliant [metadata](#)
Scale: 1:24,000
State coverage: Full
Tile unit: State
SGID Directory: ST024
File name: RSTDP.e00
<ftp://ftp.agrc.state.ut.us>

UTAH SGID TIC REFERENCE SYSTEM

This data set represents the coordinates of the 1:24,000 quadrangle corners for

the quads covering Utah. The data set is used primarily for registration of source materials for digitizing and has single precision coordinates (see ST024.RSTDP for double precision coordinates). The TICs are numbered sequentially along the grid originating above the NW corner of the state and progressing from left to right. Each column (7.5-minutes to the east) is incremented by one. Each row (7.5-minutes to the south) is incremented by 100.

The ID of the northwest corner TIC corresponds to the 7.5-minute quad tile ID in the SGID QD024 library. In the example below, the quad is Q2317 and illustrates the numbering scheme for a typical quad:



Source: FGDC-compliant [metadata](#)
 Scale: 1:24,000
 State coverage: Full
 Tile unit: State
 SGID Directory: ST024
 File name: RSTIC.e00
<ftp://ftp.agrc.state.ut.us>

	ANTELOPE ISLAND NORTH Q1017	CLEARFIELD Q1018	KAYSVILLE Q1019	PETERSON Q1020
	ANTELOPE ISLAND Q1117	SALT LAKE NE Q1118	FARMINGTON Q1119	BOUNTIFUL PEAK Q1120
	ANTELOPE ISLAND SOUTH Q1217	SALT LAKE Q1218	SALT LAKE CITY NORTH Q1219	FORT DOUGLAS Q1220
	FARNSWORTH PEAK Q1317	MAGNA Q1318	SALT LAKE CITY SOUTH Q1319	SUGAR HOUSE Q1320
	BINGHAM CANYON	LARK	MIDVALE	PRATER

A portion of a 7.5-minute quadrangle Tile Index.

REMOTE SENSING

Digital images, created from aerial photographs and satellite sensors are widely used across Utah. The AGRC is working with State, Counties, and Federal Agencies to achieve a statewide digital image of the state. The digital images of the state are called Digital Orthophoto Quadrangles.

DIGITAL ORTHOPHOTO QUADRANGLES

DOQs or Digital Orthophoto Quadrangles are computer readable black and white aerial photographs processed to remove distortion caused by topography and camera angle. Each data file covers the area of a standard 7.5-minute quadrangle map. These files are stored in a compressed .jpg format.

There are two ways to access the DOQs found in the SGID. The first is at the "Fast Link to Digital Orthophoto Quadrangles." This link is found by clicking first on "Geographic Data." At this link there is a Status Map that shows what DOQs are available and in which area the DOQ is located. There is also a file giving information about the how DOQs are produced. Once the correct DOQ has been located status map, click on "Retrieve DOQs here." This will automatically link with the DOQ directory found on the SGID FTP site.

The second way to access DOQs is to go directly to the SGID FTP site. Look for the DOQ directory and open it. There are four area directories for the state. For information about which quadrangle is in which area, open the README file found in each area directory. There the quadrangles are listed by the USGS name and SGID quadrangle tile index number.

When the correct index number is located open the area directory and scroll to the appropriate .jpg file. Double click on it to open it. There will be an icon in the corner of the screen. Save the file to a local directory.

If using a GIS program, the .jgw file will need to be saved to the same local directory. This is the world file that holds the coordinates that links the image to the real world. This file is important for the image to be used in any GIS program.

There is also a metadata file associated with each DOQ. This file has data about the image including the data when the image was flown.

Source: FGDC-compliant metadata
Scale: 1:24,000
Resolution: 1-meter
State coverage: Partial
Tile unit: 7.5-minute Quadrangle
SGID Directory: DOQ/<area #>
File name: Quad #.jpg
<ftp://ftp.agrc.state.ut.us>

DIGITAL RASTER GRAPHS

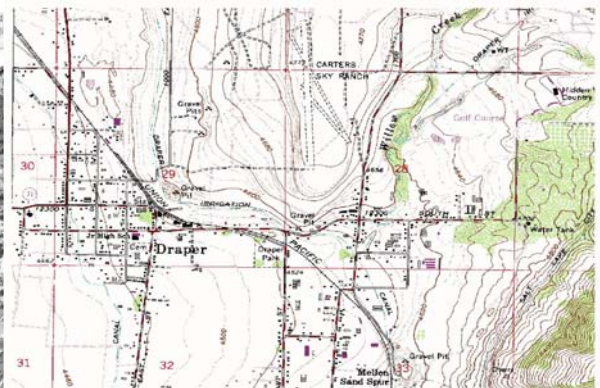
Digital Raster Graphs are scanned USGS 7.5-minute maps. The 7.5-minute paper maps have been scanned into a computer to produce digital files of the maps. These digital maps are accessible through a link under

“Geographic Data.” Click on “Fast Link to Digital Raster Graphs.” This will link to Department of Natural Resources, Division of Water Rights. There are data for 1:24,000, 1:100,000, 1:250,000 and 1:500,000 scale maps. These maps are in a compressed .tif file. There are both the image and world file available for these maps. To download these images, follow the same procedures for saving DOQs.

Source: U.S. Geologic Survey
Scale: Multi-scale
State coverage: Full
Tile unit: Multi-scale
File name: Quad #.tif



A portion of a Digital Orthophoto Quadrangle (DOQ) from the Salt Lake County Area



A portion of the Digital Raster Graph (DRG) of the same Salt Lake County Area.

TRANSPORTATION AND UTILITIES

Data describing the location and characteristics of airports, aerial tramways, monorails or ski lifts, electrical generation and transmission facilities, gas distribution facilities, microwave relays, roads and trails, railroads, pipeline transmission lines, restricted airspace, sewer lines, storm drain facilities, telephone companies, telephone/telegraph lines and facilities and water distribution facilities are catalogued in this section.

TRANSPORTATION

AERIAL TRAMWAY, MONORAIL OR SKI LIFT

This data set represents the aerial tramways, monorails and ski lifts in Utah that appear on the 1:100,000 scale topographical map series from the U. S. Geological Survey (USGS). The data set was converted from USGS Digital Line Graph (DLG) files to ARC/INFO format by the AGRC.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: 30x60-minute Quadrangle
SGID Directory: QU100/<Quad #>
File name: TRTMS.e00
<ftp://ftp.agrc.state.ut.us>

AIRPORTS

This data set contains data compiled from the Geographic Names Information System (GNIS) that was developed by the USGS. The data contains the names of geographic features found in the GNIS. These data contain the locations and names of airports found in Utah. This is a point coverage.

Source: FGDC-compliant metadata
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County>

File name: TRAIR.e00
<ftp://ftp.agrc.state.ut.us>

AIRPORTS

This data set represents airports, airstrips and some roads used as airstrips in Utah. These data are DLG and CFF files compiled by the U. S. Forest Service and U. S. Geological Survey. The most current data available was used.

Source: FGDC-compliant [metadata](#)
Scale: 1:24,000
State coverage: Full
Tile unit: 7.5-minute Quadrangle
SGID Directory: QD024/<Quad #>
File name: TRAIR.e00
<ftp://ftp.agrc.state.ut.us>

AIRPORTS

This data set represents airports, airstrips and some roads used as airstrips in Utah and portions of Arizona, Colorado, Idaho, Nevada, New Mexico and Wyoming that appear on the 1:100,000 scale topographical map series from the U. S. Geological Survey (USGS). The data set was converted from the USGS Digital Line Graph files to ARC/INFO format by the AGRC.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full, including portions

of Arizona, Colorado, Idaho,
Nevada, New Mexico and
Wyoming

Tile unit: 30x60-minute Quadrangle
SGID Directory: QU100/<Quad #>
File name: TRAIR.e00
<ftp://ftp.agrc.state.ut.us>

AIRPORTS

This data set represents the major
airport locations in the State of Utah.
The data were converted to ARC/INFO
by the AGRC from USGS Digital Line
Graph files (DLG).

Source: FGDC-compliant [metadata](#)
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: TRAIR.e00
<ftp://ftp.agrc.state.ut.us>

BASEMAP – UTAH

The Utah Department of Transportation
has compiled multi-layered statewide
base data on a single CD focusing on
the state's road system. Additional
information from U. S. Geological
Survey 1:24,000-scale maps are also
included, for example, civil and political
boundaries and surface waters. The
documentation specifies which layers
are lines, which are polygons and which
road layers contain names.

Source: U. S. Geological Survey
Quadrangle
Scale: 1:24,000
State coverage: Full
Tile unit: State
Format: CD
<ftp://ftp.agrc.state.ut.us>

BUS AND TRAIN TERMINALS

This data represents the bus and train
terminals found in Utah. It is point data.
It was acquired from the Data CD
distributed by ESRI for use by the
public. Please see metadata for
distribution rights.

Source: FGDC-compliant metadata
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: TRTRM.e00
<ftp://ftp.agrc.state.ut.us>

HIGHWAYS (MAJOR)

This data set represents the major
highways in Utah, i.e. interstates and
U.S. routes. The Utah Department of
Transportation (UDOT) collected the
data.

Source: FGDC-compliant metadata
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: TRHWY.e00
<ftp://ftp.agrc.state.ut.us>

HIGHWAY BRIDGES

This data set represents the highway
and road bridges throughout Utah. The
Utah Department of Transportation
(UDOT) collected the data.

Source: FGDC-compliant metadata
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: TRBRG.e00

<ftp://ftp.agrc.state.ut.us>

RAILROADS

This data set represents the railroads from the 1990 TIGER/Line files. These data were converted to ARC/INFO format by the AGRC. This information exists in more spatially accurate data sets in the SGID (QD024.TRRRD, QU100.TRRRD, etc.). The advantage to using this data is that it coincides with the other data sets derived from TIGER.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County Name>
File name: TRRRD.e00
<ftp://ftp.agrc.state.ut.us>

RAILROADS

This data set represents the railroads in Utah. The data was collected from DLG and CFF data furnished by the U. S. Forest Service and U. S. Geological Survey. The data are the most current available.

Source: FGDC-compliant [metadata](#)
Scale: 1:24,000
State coverage: State
Tile unit: 7.5-minute Quadrangle
SGID Directory: QD024/<Quad #>
File name: TRRRD.e00
<ftp://ftp.agrc.state.ut.us>

RAILROADS

This data set represents the railroads in Utah and portions of Arizona, Colorado, Idaho, Nevada and New Mexico that appear on the 1:100,000 scale

topographical map series from the U. S. Geological Survey (USGS). The data set was converted from USGS Digital Line Graph (DLG) files to ARC/INFO format by the AGRC.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full, including portions of Arizona, Colorado, Idaho, Nevada and New Mexico
Tile unit: 30x60-minute Quadrangle
SGID Directory: QU100/<Quad #>
File name: TRRRD.e00
<ftp://ftp.agrc.state.ut.us>

RAILROADS

This data set represents the railroads in Utah. The data set was converted from USGS Digital Line Graph (DLG) files to ARC/INFO format by the AGRC.

Source: FGDC-compliant [metadata](#)
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: TRRRD.e00
<ftp://ftp.agrc.state.ut.us>

RAMPS

This data set represents the ramps found on the interstate highways in Utah. The data was collected by Utah Department of Transportation. (UDOT).

Source: FGDC-compliant metadata
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: TRRMP.e00
<ftp://ftp.agrc.state.ut.us>

RESTRICTED AIRSPACE

This data set represents areas of military restricted airspaces in Utah.

Source: FGDC-compliant [metadata](#)
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: TRRAP.e00
<ftp://ftp.agrc.state.ut.us>

ROADS (SALT LAKE COUNTY)

This data set represents the road centerlines for Salt Lake County derived from the county's parcel database. Data source and accuracy varies from place to place. The Salt Lake County Public Works Office created this data set.

Source: FGDC-compliant [metadata](#)
Scale: Special Low Scale
State coverage: Salt Lake County
Tile unit: County
SGID Directory: COSLO/<County Name>
File name: TRRDS.e00
<ftp://ftp.agrc.state.ut.us>

ROADS (COUNTY GPS ROADS)

This data set represents roads that have been GPS'd by the counties during different projects. The data is continually being updated and is presently incomplete. As data is collected it will be added to the data set.

Source: FGDC-compliant metadata
Scale: 1:24,000
State coverage: Partial
Tile unit: 7.5-minute Quadrangle
SGID Directory: QD024/<Quad #>
File name: TRGPS.e00

<ftp://ftp.agrc.state.ut.us>

ROADS AND TRAILS (CENSUS 2000)

This data set represents the 2000 update of the TIGER/Line roads data. These data were converted from the 2000 TIGER/Line J-Files. While this data set is not as spatially accurate as other roads data sets (QU100.TRRDS, QD024.TRRDS, etc.), the data have the advantage of including some street names and some address ranges, particularly for line segments in populated areas. This enables address matching to be done.

Source: FGDC-compliant metadata
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County Name>
File name: TRRDS00.e00
<ftp://ftp.agrc.state.ut.us>

ROADS AND TRAILS

This data set represents roads and trails in Utah. The data was compiled from DLG and CFF files collected from the U. S. Forest Service and U. S. Geological Survey. The data are as current as available.

Source: FGDC-compliant [metadata](#)
Scale: 1:24,000
State coverage: Full
Tile unit: 7.5-minute Quadrangle
SGID Directory: QD024/<County Name>
File name: TRRDS.e00
<ftp://ftp.agrc.state.ut.us>

ROADS AND TRAILS

This data set represents the roads and trails in Utah and portions of Arizona, Colorado, Idaho, Nevada, New Mexico and Wyoming that appear on the 1:100,000 scale topographical map series from the U. S. Geological Survey (USGS). The data set was converted from USGS Digital Line Graph (DLG) files to ARC/INFO format by the AGRC.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full, including portions of Arizona, Colorado, Idaho, Nevada, New Mexico and Wyoming
Tile unit: 30x60-minute Quadrangle
SGID Directory: QU100/<Quad #>
File name: TRRDS.e00
<ftp://ftp.agrc.state.ut.us>

ROADS AND TRAILS

This data set represents the road network for Utah. The data set was converted to ARC/INFO format by the AGRC from USGS Digital Line Graph (DLG) files. More current data can be found in QU100.TRRDS (1985 with later revisions) and QD024.TRRDS (1990). For address matching, use CO100.TRRDS97.

Source: FGDC-compliant [metadata](#)
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: TRRDS.e00
<ftp://ftp.agrc.state.ut.us>

UTILITIES

ELECTRICAL GENERATION AND TRANSMISSION FACILITIES

This data set represents electrical generation and distribution facilities. These data are DLG and CFF files compiled by the U. S. Forest Service and U. S. Geological Survey. The most current data available was used.

Source: FGDC-compliant [metadata](#)
Scale: 1:24,000
State coverage: State
Tile unit: 7.5-minute Quadrangle
SGID Directory: QD024/<Quad #>
File name: UTELE.e00
<ftp://ftp.agrc.state.ut.us>

ELECTRICAL GENERATION AND TRANSMISSION FACILITIES

This data set represents the electrical system in Utah and portions of Arizona, Colorado, Idaho, Nevada and New Mexico that appear on the 1:100,000 scale topographical map series from the U. S. Geological Survey (USGS). The data set was converted from USGS Digital Line Graph (DLG) files to ARC/INFO format by the AGRC.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full, including portions of Arizona, Colorado, Idaho, Nevada and New Mexico
Tile unit: 30x60-minute Quadrangle
SGID Directory: QU100/<Quad #>
File name: UTELE.e00
<ftp://ftp.agrc.state.ut.us>

GAS DISTRIBUTION FACILITIES

This data set represents the natural gas distribution facilities for portions of Davis, Salt Lake and Utah counties in the State of Utah. These data were digitized as part of the State of Utah Comprehensive Emergency Management Earthquake Preparedness Program, 1986-1989.

Source: FGDC-compliant [metadata](#)
Scale: 1:24,000
State coverage: Partial
Tile unit: 7.5-minute Quadrangle
SGID Directory: QD024/<Quad #>
File name: UTGAS.e00
<ftp://ftp.agrc.state.ut.us>

MICROWAVE RELAYS

This data set represents the microwave facilities managed by the State of Utah, Department of Administrative Services, Division of Information Technology Services (ITS).

Source: FGDC-compliant [metadata](#)
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: UTMWV.e00
<ftp://ftp.agrc.state.ut.us>

PIPELINE TRANSMISSION LINES

This data set represents the oil and gas transmission pipelines in Utah. The data were compiled from DLG and CFF data collected from the U. S. Forest Service and U. S. Geological Survey. The most current data available was used.

Source: FGDC-compliant metadata

Scale: 1:24,000
State coverage: State
Tile unit: 7.5-minute Quadrangle
SGID Directory: QD024/<Quad #>
File name: UTPIP.e00
<ftp://ftp.agrc.state.ut.us>

PIPELINE TRANSMISSION LINES

This data set represents the oil and gas transmission pipelines in Utah and portions of Arizona, Colorado, Idaho, Nevada and New Mexico that appear on the 1:100,000 scale topographical map series from the U. S. Geological Survey (USGS). The data set was converted from USGS Digital Line Graph (DLG) files to ARC/INFO format by the AGRC.

Source: FGDC-compliant [metadata](#)
Scale: 1:100,000
State coverage: Full, including portions of Arizona, Colorado, Idaho, Nevada and New Mexico
Tile unit: 30x60-minute Quadrangle
SGID Directory: QU100/<Quad #>
File name: UTPIP.e00
<ftp://ftp.agrc.state.ut.us>

SEWER LINES

This data set represents major sewer lines for portions of Davis, Salt Lake and Utah counties in the State of Utah. These data were digitized as part of the State of Utah Comprehensive Emergency Management Earthquake Preparedness Program, 1986-1989.

Source: FGDC-compliant [metadata](#)
Scale: 1:24,000
State coverage: Partial
Tile unit: 7.5-minute Quadrangle
SGID Directory: QD024/<Quad #>
File name: UTSEW.e00

<ftp://ftp.agrc.state.ut.us>

STORM DRAIN FACILITIES

This data set represents the major storm drain facilities in portions of Davis and Salt Lake counties in the State of Utah. These data were digitized as part of the State of Utah Comprehensive Emergency Management Earthquake Preparedness Program, 1986-1989.

Source: FGDC-compliant [metadata](#)
Scale: 1:24,000
State coverage: Partial
Tile unit: 7.5-minute Quadrangle
SGID Directory: QD024/<Quad #>
File name: UTSTD.e00
<ftp://ftp.agrc.state.ut.us>

TELEPHONE COMPANIES

This data set represents the service areas of companies providing (dial tone) telephone service in Utah. Data was derived from the SGID based on DXF information from the State of Utah, Department of Administrative Services, Division of Information Technology Services (ITS).

Source: FGDC-compliant [metadata](#)
Scale: 1:500,000
State coverage: Full
Tile unit: State
SGID Directory: ST500
File name: UTTCM.e00
<ftp://ftp.agrc.state.ut.us>

TELEPHONE/TELEGRAPH LINES AND FACILITIES

This data set represents the major telephone trunk line and switching facilities in Utah. These data were digitized as part of the State of Utah

Comprehensive Emergency Management Earthquake Preparedness Program, 1986-1989.

Source: FGDC-compliant [metadata](#)
Scale: 1:24,000
State coverage: Full
Tile unit: 7.5-minute Quadrangle
SGID Directory: QD024/<Quad #>
File name: UTTEL.e00
<ftp://ftp.agrc.state.ut.us>

TRANSMISSION TOWERS (RADIO AND TELEVISION)

This data set contains data compiled from the Geographic Names Information System (GNIS) that was developed by the USGS. The data contains the names of geographic features found in the GNIS. These data contain the locations and names of radio and television transmission towers found in Utah. This is a point coverage.

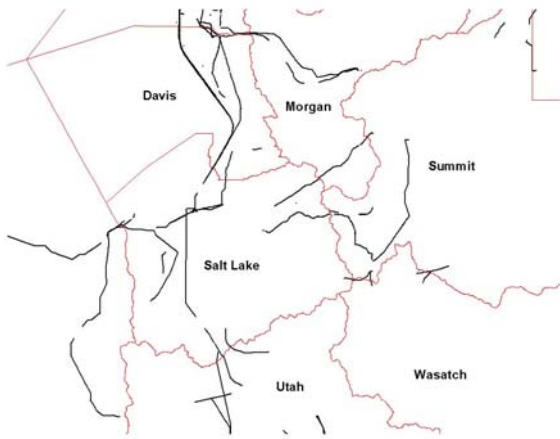
Source: FGDC-compliant metadata
Scale: 1:100,000
State coverage: Full
Tile unit: County
SGID Directory: CO100/<County>
File name: UTTOW.e00
<ftp://ftp.agrc.state.ut.us>

Water Distribution Facilities

This data set represents water distribution facilities for portions of Davis, Salt Lake and Utah counties in the State of Utah. These data were digitized as part of the State of Utah Comprehensive Emergency Management Earthquake Preparedness Program, 1986-1989.

Source: FGDC-compliant [metadata](#)
Scale: 1:24,000

State coverage: Partial
Tile unit: 7.5-minute Quadrangle
SGID Directory: QD024/<Quad #>
File name: UTWAT.e00
<ftp://ftp.agrc.state.ut.us>



**A portion of the Electrical Generation
and Transmission from the QD024
SGID Directory**

APPENDICES

QD024 – TILE LIST BY TILE NUMBER – [APPENDIX A](#)

QD024 – TILE LIST BY USGS NAME – [APPENDIX B](#)

QU100 – TILE LIST BY TILE NUMBER – [APPENDIX C](#)

QU100 – TILE LIST BY USGS NAME – [APPENDIX D](#)

QU100 – TILE INDEX – [APPENDIX E](#)

APPENDIX A

QD024 Tile List by TILE NUMBER

The following is a list of each 7.5-minute quadrangle for the State of Utah. Listed for each quadrangle is the SGID tile number and the corresponding USGS designated name.

Q0200-----

Q0211 Blue Hill
 Q0212 The Cove
 Q0213 Stone
 Q0214 Co-Op Spring
 Q0215 Grover Canyon
 Q0216 Samaria
 Q0217 Henderson Creek
 Q0218 Weston Canyon
 Q0219 Weston
 Q0220 Franklin
 Q0221 Mapleton
 Q0222 Egan Basin
 Q0223 Saint Charles
 Q0224 Bear Lake North
 Q0225 Pegram Creek
 Q0226 Boundary Ridge

Q0300-----

Q0302 Nile Spring
 Q0303 Pole Creek
 Q0304 Cotton Thomas
 Basin
 Q0305 Buck Hollow
 Q0306 Yost
 Q0307 Standrod
 Q0308 Rosevere Point
 Q0309 Kelton Pass
 Q0310 Curlew Junction
 Q0311 Monument Peak
 NW
 Q0312 Monument Peak
 NE
 Q0313 Snowville
 Q0314 Rattlesnake Pass
 Q0315 Riddedale Pass
 Q0316 Limekiln Knoll

Q0317 Portage
 Q0318 Clarkston
 Q0319 Trenton
 Q0320 Richmond
 Q0321 Naomi Peak
 Q0322 Tony Grove Creek
 Q0323 Garden City
 Q0324 Bear Lake South
 Q0325 Sheeppen Creek
 Q0326 South Lake

Q0400-----

Q0402 Judd Mountain
 Q0403 Dry Canyon
 Mountain
 Q0404 Kimbell Creek
 Q0405 Lynn
 Q0406 Dennis Hill
 Q0407 Rosette
 Q0408 Park Valley
 Q0409 Black Butte
 Q0410 Kelton Pass SE
 Q0411 Monument Peak
 SW
 Q0412 Monument Peak
 SE
 Q0413 Salt Wells
 Q0414 Bulls Pass
 Q0415 Howell
 Q0416 Blind Springs
 Q0417 Riverside
 Q0418 Cutler Dam
 Q0419 Newton
 Q0420 Smithfield
 Q0421 Mt Elmer
 Q0422 Temple Peak
 Q0423 Meadowville

Q0424 Laketown
 Q0425 Sage Creek
 Q0426 Leefe

Q0500 -----

Q0502 Death Creek
 Reservoir
 Q0503 Grouse Creek
 Q0504 Ingham Canyon
 Q0505 Potters Creek
 Q0506 Warm Spring Hills
 Q0507 Runswick Wash
 Q0508 Russian Knoll
 Q0509 Peplin Flats
 Q0510 Crocodile Mtn NE
 Q0511 Locomotive
 Springs
 Q0512 Monument Point
 Q0513 Lake Ridge
 Q0514 Sunset Pass
 Q0515 Lampo Junction
 Q0516 Thatcher Mountain
 Q0517 Tremonton
 Q0518 Honeyville
 Q0519 Wellsville
 Q0520 Logan
 Q0521 Logan Peak
 Q0522 Boulder Mtn
 Q0523 Red Spur Mtn
 Q0524 Old Canyon
 Q0525 Randolph
 Q0526 Rex Peak

Q0600-----

Q0602 Dairy Valley
 Q0603 Toms Cabin Spring

Q0604 Rocky Pass Peak
 Q0605 Emigrant Pass
 Q0606 Prohibition Spring
 Q0607 Red Dome
 Q0608 Matlin
 Q0609 Hogup Bar
 Q0610 Crocodile Mtn SE
 Q0611 Spring Bay SW
 Q0612 Coyote Point
 Q0613 Rozel
 Q0614 Golden Spike
 Monument
 Q0615 Thatcher Mtn SW
 Q0616 Public Shooting
 Grounds
 Q0617 Bear River City
 Q0618 Brigham City
 Q0619 Mount Pisgah
 Q0620 Paradise
 Q0621 Porcupine
 Reservoir
 Q0622 Hardware Ranch
 Q0623 Curtis Ridge
 Q0624 Birch Creek
 Reservoirs
 Q0625 Woodruff
 Q0626 Woodruff Narrows

0700-----

Q0702 Jackson Spring
 Q0703 Lucin NW
 Q0704 Lucin NE
 Q0705 Bovine
 Q0706 Terrace Mountain
 West
 Q0707 Terrace Mountain
 East
 Q0708 Sheep Mountain
 Q0709 Tangent Peak
 Q0710 Dolphin Island
 West
 Q0711 Dolphin Island East
 Q0712 Gunnison Island
 NE
 Q0713 Rozel Point
 Q0714 Messix Peak

Q0715 East Promontory
 Q0716 Mouth Of Bear
 River
 Q0717 Whistler Canal
 Q0718 Willard
 Q0719 Mantua
 Q0720 James Peak
 Q0721 Sharp Mountain
 Q0722 Monte Cristo Peak
 Q0723 Dairy Ridge
 Q0724 Meachum Ridge
 Q0725 Neponset
 Reservoir NW
 Q0726 Neponset
 Reservoir NE

0800-----

Q0802 Tecoma
 Q0803 Lucin
 Q0804 Pigeon Mountain
 Q0805 Jackson
 Q0806 Bovine SE
 Q0807 Lemay
 Q0808 Groome
 Q0809 Meadow Spring
 Q0810 Hogup Ridge North
 Q0811 Gunnison Island
 SW
 Q0812 Gunnison Island
 Q0813 Rozel Point SW
 Q0814 Indian Cove
 Q0815 Pokes Point
 Q0816 Willard Spur
 Q0817 Plain City SW
 Q0818 Plain City
 Q0819 North Ogden
 Q0820 Huntsville
 Q0821 Browns Hole
 Q0822 Causey Dam
 Q0823 Horse Ridge
 Q0824 Peck Canyon
 Q0825 Mc Kay Hollow
 Q0826 Murphy Ridge

0900-----

Q0902 Patterson Pass

Q0903 Crater Island NW
 Q0904 Lemay Island
 Q0905 Lucin 4 NW
 Q0906 Lucin 4 NE
 Q0907 Miners Basin
 Q0908 Desert Peak
 Q0909 Round Mountain
 NW
 Q0910 Hogup Ridge
 South
 Q0911 Strong's Knob
 Q0912 Lakeside
 Q0913 Carrington Island
 NW
 Q0914 Carrington Island
 NE
 Q0915 Promontory Point
 Q0916 Fremont Island
 Q0917 Ogden Bay
 Q0918 Roy
 Q0919 Ogden
 Q0920 Snow Basin
 Q0921 Durst Mountain
 Q0922 Bybee Knoll
 Q0923 Lost Creek Dam
 Q0924 Francis Canyon
 Q0925 Shearing Corral
 Q0926 Wasatch

1000-----

Q1002 Pilot Peak
 Q1003 Crater Island SW
 Q1004 Crater Island
 Q1005 Lucin 4 SW
 Q1006 Lucin 4 SE
 Q1007 Big Pass
 Q1008 Keller Well
 Q1009 Round Mountain
 SW
 Q1010 Round Mountain
 Q1011 Sally Mountain
 Q1012 Deardens Knoll
 Q1013 Carrington Island
 SW
 Q1014 Carrington Island
 Q1015 Fremont Island SW

Q1016 Buffalo Point
Q1017 Antelope Island
North
Q1018 Clearfield
Q1019 Kaysville
Q1020 Peterson
Q1021 Morgan
Q1022 Devils Slide
Q1023 Henefer
Q1024 Heiners Creek
Q1025 Castle Rock
Q1026 Porcupine Ridge
Q1041 Richards Gap

1100-----

Q1102 Miners Canyon
Q1103 Silver Island Pass
Q1104 Graham Peak
Q1105 Floating Island
Q1106 Floating Island NE
Q1107 Knolls 2 NW
Q1108 Knolls 2 NE
Q1109 Finger Ridge
Q1110 Grassy Mountains
Q1111 Puddle Valley
Knolls
Q1112 Craner Peak
Q1113 Badger Island NW
Q1114 Badger Island
Q1115 Plug Peak NW
Q1116 Plug Peak NE
Q1117 Antelope Island
Q1118 Saltair NE
Q1119 Farmington
Q1120 Bountiful Peak
Q1121 Porterville
Q1122 East Canyon
Reservoir
Q1123 Coalville
Q1124 Turner Hollow
Q1125 Upton
Q1126 Red Hole
Q1127 Seven Tree Flat
Q1128 Deadman
Mountain
Q1129 Elizabeth Mtn

Q1130 Lyman Lake
Q1131 Bridger Lake
Q1132 Gilbert Peak NE
Q1133 Hole In The Rock
Q1134 Hoop Lake
Q1135 Phil Pico Mtn
Q1136 Jessen Butte
Q1137 Manila
Q1138 Flaming Gorge
Q1139 Dutch John
Q1140 Goslin Mtn
Q1141 Clay Basin
Q1142 Willow Creek Butte

1200-----

Q1202 Leppy Peak
Q1203 Tetzlaff Peak
Q1204 Bonneville
Racetrack
Q1205 Floating Island SW
Q1206 Floating Island SE
Q1207 Knolls 2 SW
Q1208 Knolls 2 SE
Q1209 Grayback Hills
Q1210 Ripple Valley
Q1211 Low
Q1212 Delle
Q1213 Poverty Point
Q1214 Corral Canyon
Q1215 Plug Peak
Q1216 Plug Peak SE
Q1217 Antelope Island
South
Q1218 Bailey's Lake
Q1219 Salt Lake City
North
Q1220 Fort Douglas
Q1221 Mountain Dell
Q1222 Big Dutch Hollow
Q1223 Wanship
Q1224 Crandall Canyon
Q1225 Hidden Lake
Q1226 Slader Basin
Q1227 Whitney Reservoir
Q1228 Christmas
Meadows

Q1229 Red Knob
Q1230 Mount Lovenia
Q1231 Mount Powell
Q1232 Kings Peak
Q1233 Fox Lake
Q1234 Chepeta Lake
Q1235 Whiterocks Lake
Q1236 Leidy Peak
Q1237 Elk Park
Q1238 East Park
Reservoir
Q1239 Mount Lena
Q1240 Jackson Draw
Q1241 Warren Draw
Q1242 Swallow Canyon

1300-----

Q1302 Wendover
Q1303 Silsbee
Q1304 Salduro
Q1305 Arinosa
Q1306 Arinosa NE
Q1307 Barro
Q1308 Knolls
Q1309 Aragonite NW
Q1310 Aragonite
Q1311 Hastings Pass
Q1312 Hastings Pass NE
Q1313 Timpie
Q1314 Flux
Q1315 Burmester
Q1316 Mills Junction
Q1317 Farnsworth Peak
Q1318 Magna
Q1319 Salt Lake City
South
Q1320 Sugar House
Q1321 Mount Aire
Q1322 Park City West
Q1323 Park City East
Q1324 Kamas
Q1325 Hoyt Peak
Q1326 Erickson Basin
Q1327 Mirror Lake
Q1328 Hayden Peak
Q1329 Explorer Peak

Q1330 Oweep Creek
 Q1331 Garfield Basin
 Q1332 Mount Emmons
 Q1333 Bollie Lake
 Q1334 Rasmussen Lakes
 Q1335 Paradise Park
 Q1336 Marsh Peak
 Q1337 Taylor Mtn
 Q1338 Dyer Mtn
 Q1339 Burnt Cabin Gorge
 Q1340 Blair Basin
 Q1341 Crouse Reservoir
 Q1342 Hoy Mountain

1400-----

Q1402 Wendover SE
 Q1403 Salduro SW
 Q1404 Salduro SE
 Q1405 Arinosa SW
 Q1406 Arinosa SE
 Q1407 Knolls SW
 Q1408 Knolls SE
 Q1409 Aragonite SW
 Q1410 Aragonite SE
 Q1411 Quincy Spring
 Q1412 Hastings Pass SE
 Q1413 Salt Mountain
 Q1414 North Willow
 Canyon
 Q1415 Grantsville
 Q1416 Tooele
 Q1417 Bingham Canyon
 Q1418 Lark
 Q1419 Midvale
 Q1420 Draper
 Q1421 Dromedary Peak
 Q1422 Brighton
 Q1423 Heber City
 Q1424 Francis
 Q1425 Woodland
 Q1426 Soapstone Basin
 Q1427 Iron Mine Mountain
 Q1428 Granddaddy Lake
 Q1429 Tworoose Pass
 Q1430 Kidney Lake
 Q1431 Lake Fork Mtn

Q1432 Burnt Mill Spring
 Q1433 Heller Lake
 Q1434 Pole Creek Cave
 Q1435 Ice Cave Peak
 Q1436 Lake Mountain
 Q1437 Dry Fork
 Q1438 Steinaker
 Reservoir
 Q1439 Donkey Flat
 Q1440 Jensen Ridge
 Q1441 Island Park
 Q1442 Jones Hole

1500 -----

Q1502 Ferguson Flat
 Q1503 Elephant Knoll NW
 Q1504 Elephant Knoll NE
 Q1505 Gold Hill 1 NW
 Q1506 Gold Hill 1 NE
 Q1507 Wildcat Mountin
 NW
 Q1508 Wildcat Mountain
 Q1509 Wig Mountain NW
 Q1510 Wig Mountain NE
 Q1511 Tabbys Peak
 Q1512 Hickman Knolls
 Q1513 Deseret Peak West
 Q1514 Deseret Peak East
 Q1515 South Mountain
 Q1516 Stockton
 Q1517 Lowe Peak
 Q1518 Tickville Spring
 Q1519 Jordan Narrows
 Q1520 Lehi
 Q1521 Timpanogos Cave
 Q1522 Aspen Grove
 Q1523 Charleston
 Q1524 Center Creek
 Q1525 Heber Mountain
 Q1526 Wolf Creek Summit
 Q1527 Wolf Creek
 Q1528 Hanna
 Q1529 Farm Creek Peak
 Q1530 Dry Mountain
 Q1531 Mountain Home
 Q1532 Altonah

Q1533 Neola Nw
 Q1534 Neola
 Q1535 Whiterocks
 Q1536 Lapoint
 Q1537 Vernal Nw
 Q1538 Vernal Ne
 Q1539 Naples
 Q1540 Dinosaur Quarry
 Q1541 Split Mtn
 Q1542 Stuntz Reservoir

1600-----

Q1602 Utah Peak
 Q1603 Elephant Knoll
 Q1604 Elephant Knoll SE
 Q1605 Gold Hill 1 SW
 Q1606 Gold Hill 1 SE
 Q1607 Wildcat Mountain
 SW
 Q1608 Wildcat Mountain
 SE
 Q1609 Wig Mountain SW
 Q1610 Wig Mountain
 Q1611 Tabbys Peak SW
 Q1612 Tabbys Peak SE
 Q1613 Terra
 Q1614 Johnson Pass
 Q1615 Saint John
 Q1616 Ophir
 Q1617 Mercur
 Q1618 Cedar Fort
 Q1619 Saratoga Springs
 Q1620 Pelican Point
 Q1621 Orem
 Q1622 Bridal Veil Falls
 Q1623 Wallsburg Ridge
 Q1624 Twin Peaks
 Q1625 Co-Op Creek
 Q1626 Jimmies Point
 Q1627 Raspberry Knoll
 Q1628 Tabby Mountain
 Q1629 Tabiona
 Q1630 Blacktail Mtn
 Q1631 Talmage
 Q1632 Altamont
 Q1633 Bluebell

Q1634 Hancock Cove
Q1635 Roosevelt
Q1636 Fort Duchesne
Q1637 Vernal SW
Q1638 Vernal SE
Q1639 Rasmussen Hollow
Q1640 Jensen
Q1641 Cliff Ridge
Q1642 Snake John Reef

1700-----

Q1702 Ferber Peak
Q1703 Ochre Mountain
Q1704 Gold Hill
Q1705 Gold Hill 4 NW
Q1706 Gold Hill 4 NE
Q1707 Granite Peak NW
Q1708 Granite Peak
Q1709 Dugway Proving
Grounds NW
Q1710 Dugway Proving
Grounds NE
Q1711 Camels Back
Ridge NW
Q1712 Camels Back
Ridge NE
Q1713 Davis Knolls
Q1714 Onaqui Mts South
Q1715 Faust
Q1716 Vernon NE
Q1717 Fivemile Pass
Q1718 Goshen Pass
Q1719 Soldiers Pass
Q1720 Lincoln Point
Q1721 Provo
Q1722 Springville
Q1723 Granger Mtn
Q1724 Two Tom Hill
Q1725 Strawberry
Reservoir NW
Q1726 Strawberry
Reservoir NE
Q1727 Deep Creek
Canyon
Q1728 Fruitland

Q1729 Strawberry
Pinnacles
Q1730 Rabbit Gulch
Q1731 Duchesne
Q1732 Duchesne NE
Q1733 Bridgeland
Q1734 Myton
Q1735 Windy Ridge
Q1736 Randlett
Q1737 Pelican Lake
Q1738 Brennan Basin
Q1739 Red Wash NW
Q1740 Red Wash
Q1741 Dinosaur NW
Q1742 Dinosaur

1800-----

Q1802 Ferber Peak SE
Q1803 Ibapah
Q1804 Clifton
Q1805 Gold Hill 4 SW
Q1806 Gold Hill 4 SE
Q1807 Granite Peak SW
Q1808 Granite Peak SE
Q1809 Dugway Proving
Grounds SW
Q1810 Dugway Proving
Grounds SE
Q1811 Camels Back
Ridge SW
Q1812 Simpson Springs
Q1813 Indian Peaks
Q1814 Lookout Pass
Q1815 Vernon
Q1816 Lofgreen
Q1817 Boulter Peak
Q1818 Allens Ranch
Q1819 Goshen Valley
North
Q1820 West Mountain
Q1821 Spanish Fork
Q1822 Spanish Fork Peak
Q1823 Billies Mtn
Q1824 Rays Valley
Q1825 Strawberry
Reservoir SW

Q1826 Strawberry
Reservoir SE
Q1827 Strawberry Peak
Q1828 Avintaquin Canyon
Q1829 Sams Canyon
Q1830 Buck Knoll
Q1831 Duchesne SW
Q1832 Duchesne Se
Q1833 Myton SW
Q1834 Myton SE
Q1835 Pariette Draw SW
Q1836 Uteland Butte
Q1837 Ouray
Q1838 Ouray SE
Q1839 Red Wash SW
Q1840 Red Wash SE
Q1841 Bonanza
Q1842 Walsh Knolls

1900-----

Q1902 Georgetta Ranch
Q1903 Goshute
Q1904 Goshute Canyon
Q1905 Callao
Q1906 Callao NE
Q1907 Fish Springs NW
Q1908 Fish Springs NE
Q1909 Dugway Range
NW
Q1910 Dugway Range NE
Q1911 Table Mtn
Q1912 Coyote Springs
Q1913 Indian Springs
Q1914 Erickson Knoll
Q1915 Dutch Peak
Q1916 Sabie Mtn
Q1917 Tintic Junction
Q1918 Eureka
Q1919 Goshen
Q1920 Santaquin
Q1921 Payson Lakes
Q1922 Birdseye
Q1923 Thistle
Q1924 Mill Fork
Q1925 Tucker
Q1926 Soldier Summit

Q1927 Flat Ridge
 Q1928 Gray Head Peak
 Q1929 Jones Hollow
 Q1930 Lance Canyon
 Q1931 Anthro Mtn
 Q1932 Anthro Mtn NE
 Q1933 Gilsonite Draw
 Q1934 Wilkin Ridge
 Q1935 Crow Knoll
 Q1936 Moon Bottom
 Q1937 Big Pack Mtn NW
 Q1938 Big Pack Mtn NE
 Q1939 Archy Bench
 Q1940 Asphalt Wash
 Q1941 Southam Canyon
 Q1942 Weaver Ridge

2000-----

Q2002 Weaver Canyon
 Q2003 Ibapah Peak
 Q2004 Indian Farm Creek
 Q2005 Mud Lake
 Reservoir
 Q2006 Boyd Station
 Q2007 Fish Springs SW
 Q2008 Fish Springs SE
 Q2009 Dugway Range
 SW
 Q2010 Dugway Pass
 Q2011 Keg Pass
 Q2012 Keg Mtn. Ranch
 Q2013 Erickson Wash SW
 Q2014 Desert Mtn Pass
 Q2015 Cherry Creek
 Q2016 Maple Peak
 Q2017 Mc Intyre
 Q2018 Tintic Mountain
 Q2019 Slate Jack Canyon
 Q2020 Mona
 Q2021 Nebo Basin
 Q2022 Spencer Canyon
 Q2023 Indianola
 Q2024 C Canyon
 Q2025 Scofield Reservoir
 Q2026 Colton
 Q2027 Kyune

Q2028 Matts Summit
 Q2029 Minnie Maud Creek
 West
 Q2030 Minnie Maud Creek
 East
 Q2031 Wood Canyon
 Q2032 Currant Canyon
 Q2033 Cowboy Bench
 Q2034 Pinnacle Canyon
 Q2035 Duches Hole
 Q2036 Nutters Hole
 Q2037 Big Pack Mtn
 Q2038 Big Pack Mtn SE
 Q2039 Buck Camp
 Canyon
 Q2040 Archy Bench SE
 Q2041 Rainbow
 Q2042 Dragon

2100-----

Q2102 Skinner Canyon
 Q2103 Partoun
 Q2104 Trout Creek
 Q2105 Hole-in-the-Wall
 Reservoir
 Q2106 Middle Range
 North
 Q2107 Sand Pass NW
 Q2108 Sand Pass NE
 Q2109 Topaz Mountain
 West
 Q2110 Topaz Mountain
 East
 Q2111 Picture Rock Hills
 Q2112 The Hogback
 Q2113 Crater Bench
 Reservoir
 Q2114 Desert Mtn
 Reservoir
 Q2115 Lynndyl NW
 Q2116 Tanner Creek
 Narrows
 Q2117 Jericho
 Q2118 Furner Ridge
 Q2119 Sugarloaf
 Q2120 Nephi

Q2121 Fountain Green
 North
 Q2122 Big Hollow
 Q2123 Fairview
 Q2124 Fairview Lakes
 Q2125 Scofield
 Q2126 Jump Creek
 Q2127 Standardville
 Q2128 Helper
 Q2129 Deadman Canyon
 Q2130 Pine Canyon
 Q2131 Mount Bartles
 Q2132 Bruin Point
 Q2133 Twin Hollow
 Q2134 Cedar Ridge
 Canyon
 Q2135 Firewater Canyon
 N
 Q2136 Dog Knoll
 Q2137 Agency Draw NW
 Q2138 Agency Draw NE
 Q2139 Bates Knolls
 Q2140 Cooper Canyon
 Q2141 Burnt Timber
 Canyon
 Q2142 Davis Canyon

2200-----

Q2202 Tin Springs
 Mountain
 Q2203 Trout Creek SW
 Q2204 Cockscomb Ridge
 Q2205 Granite Mountain
 Q2206 Middle Range
 South
 Q2207 Sand Pass
 Q2208 Sand Pass SE
 Q2209 Topaz Mountain
 SW
 Q2210 Lady Laird Peak
 Q2211 Drum Mts Well
 Q2212 Fumarole Butte
 Q2213 Baker Hot Springs
 Q2214 Rain Lake
 Q2215 Lynndyl West
 Q2216 Lynndyl East

Q2217 Champlin Peak
 Q2218 Sage Valley
 Q2219 Juab
 Q2220 Levan
 Q2221 Fountain Green
 South
 Q2222 Moroni
 Q2223 Mount Pleasant
 Q2224 Huntington
 Reservoir
 Q2225 Candland Mountain
 Q2226 Wattis
 Q2227 Pinnacle Peak
 Q2228 Price
 Q2229 Wellington
 Q2230 Sunnyside Junction
 Q2231 Sunnyside
 Q2232 Patmos Head
 Q2233 Summerhouse
 Ridge
 Q2234 Steer Ridge
 Canyon
 Q2235 Firewater Canyon
 S
 Q2236 Wolf Flat
 Q2237 Flat Rock Mesa
 Q2238 Wolf Point
 Q2239 Pine Spring
 Canyon
 Q2240 Seep Canyon
 Q2241 Tom Patterson
 Canyon
 Q2242 Rat Hole Ridge

2300-----

Q2302 Spring Mountain
 Q2303 Gandy
 Q2304 Foote Range
 Q2305 Big Horseshoe
 Q2306 Coyote Knolls
 Q2307 Swasey Peak NW
 Q2308 Swasey Peak
 Q2309 Whirlwind Valley
 NW
 Q2310 Little Drum Pass

Q2311 Smelter Knolls
 West
 Q2312 Smelter Knolls
 East
 Q2313 Sutherland
 Q2314 Delta NE
 Q2315 Strong
 Q2316 Oak City North
 Q2317 Fool Creek Peak
 Q2318 Mills
 Q2319 Skinner Peaks
 Q2320 Chriss Canyon
 Q2321 Wales
 Q2322 Chester
 Q2323 Spring City
 Q2324 South Tent Mtn
 Q2325 Rilda Canyon
 Q2326 Hiawatha
 Q2327 Poison Spring
 Bench
 Q2328 Elmo
 Q2329 Olsen Reservoir
 Q2330 Mounds
 Q2331 Cedar
 Q2332 Lila Point
 Q2333 Lighthouse Canyon
 Q2334 Chandler Falls
 Q2335 Moonwater Point
 Q2336 Chicken Fork
 Q2337 Black Knolls
 Q2338 Tenmile Canyon
 North
 Q2339 Cedar Camp
 Canyon

2400-----

Q2402 Little Horse
 Canyon
 Q2403 Gandy SW
 Q2404 North Knoll Spring
 Q2405 Cowboy Pass
 Q2406 Chalk Knolls
 Q2407 Swasey Peak SW

Q2408 Marjum Pass
 Q2409 Whirlwind Valley
 SW
 Q2410 Red Knolls
 Q2411 Clay Knoll
 Q2412 Crafts Lake
 Q2413 Hinckley
 Q2414 Delta
 Q2415 Harding
 Q2416 Oak City South
 Q2417 Williams Peak
 Q2418 Scipio North
 Q2419 Hells Kitchen
 Canyon SW
 Q2420 Hells Kitchen
 Canyon SE
 Q2421 Manti
 Q2422 Ephraim
 Q2423 Danish Knoll
 Q2424 Joes Valley
 Reservoir
 Q2425 Mahogany Point
 Q2426 Red Point
 Q2427 Huntington
 Q2428 Cleveland
 Q2429 Cow Flats
 Q2430 Flattop Mtn
 Q2431 Grassy
 Q2432 Woodside
 Q2433 Turtle Canyon
 Q2434 Three Fords
 Canyon
 Q2435 Lion Canyon
 Q2436 Walker Point
 Q2437 Supply Canyon
 Q2438 Tenmile Canyon
 South
 Q2439 Preacher Canyon
 Q2440 Dry Canyon
 Q2441 Bryson Canyon
 Q2442 Bar X Wash

2500-----

Q2502 The Cove
 Q2503 Hole In The
 Ground

Q2504 Knoll Hill
 Q2505 Conger Mountain
 Q2506 Dowdell Canyon
 Q2507 Notch Peak
 Q2508 Miller Cove
 Q2509 Long Ridge
 Reservoir
 Q2510 Long Ridge
 Q2511 Rocky Knoll
 Q2512 Pot Mountain
 Q2513 Sunstone Knoll
 Q2514 Pavant Butte North
 Q2515 Mc Cornick
 Q2516 Duggins Creek
 Q2517 Scipio Pass
 Q2518 Scipio South
 Q2519 Hayes Canyon
 Q2520 Gunnison
 Q2521 Sterling
 Q2522 Black Mountain
 Q2523 Ferron Reservoir
 Q2524 Ferron Canyon
 Q2525 The Cap
 Q2526 Castle Dale
 Q2527 Hadden Holes
 Q2528 Buckhorn
 Reservoir
 Q2529 Bob Hill Knoll
 Q2530 Chimney Rock
 Q2531 Dry Mesa
 Q2532 Cliff
 Q2533 Jenny Canyon
 Q2534 Butler Canyon
 Q2535 Bobby Canyon
 North
 Q2536 Floy Canyon North
 Q2537 Bogart Canyon
 Q2538 Tepee Canyon
 Q2539 Flume Canyon
 Q2540 Antone Canyon
 Q2541 Harley Dome
 Q2542 Bitter Creek Well

2600-----

Q2602 Baker
 Q2603 Eskdale

Q2604 Buckskin Hills
 Q2605 Thompson Knoll
 Q2606 Bullgrass Knoll
 Q2607 Hell`N Maria
 Canyon
 Q2608 Skull Rock Pass
 Q2609 Long Ridge SW
 Q2610 Long Ridge SE
 Q2611 Red Pass
 Q2612 Neels
 Q2613 Clear Lake
 Q2614 Pavant Butte South
 Q2615 The Sink
 Q2616 Holden
 Q2617 Coffee Peak
 Q2618 Scipio Lake
 Q2619 Redmond Canyon
 Q2620 Redmond
 Q2621 Mayfield
 Q2622 Woods Lake
 Q2623 Heliotrope Mtn
 Q2624 Flagstaff Peak
 Q2625 Ferron
 Q2626 Molen
 Q2627 Horn Silver Gulch
 Q2628 Sids Mountain
 Q2629 Bottleneck Peak
 Q2630 Devils Hole
 Q2631 Mexican Mountain
 Q2632 Desert
 Q2633 Blue Castle Butte
 Q2634 Tusher Canyon
 Q2635 Bobby Canyon
 South
 Q2636 Floy Canyon South
 Q2637 Sego Canyon
 Q2638 Calf Canyon
 Q2639 Cisco Springs
 Q2640 Danish Flat
 Q2641 Agate
 Q2642 Westwater

2700-----

Q2702 Garrison
 Q2703 Burbank Pass
 Q2704 Deadman Point

Q2705 Pyramid Knoll
 Q2706 King Top
 Q2707 The Barn
 Q2708 Burnout Canyon
 Q2709 Needle Point
 Q2710 Sevier Lake NE
 Q2711 Candland Spring
 Q2712 Borden
 Q2713 Sand Ridge
 Q2714 Tabernacle Hill
 Q2715 Meadow
 Q2716 Fillmore
 Q2717 Mt Catherine
 Q2718 Beehive Peak
 Q2719 Aurora
 Q2720 Salina
 Q2721 Steves Mtn
 Q2722 Water Hollow
 Ridge
 Q2723 Acord Lakes
 Q2724 Emery West
 Q2725 Emery East
 Q2726 Short Canyon
 Q2727 Sid And Charley
 Q2728 The Blocks
 Q2729 The Wickiup
 Q2730 Drowned Hole
 Draw
 Q2731 Spotted Wolf
 Canyon
 Q2732 Jessies Twist
 Q2733 Green River
 Q2734 Daly
 Q2735 Hatch Mesa
 Q2736 Crescent Junction
 Q2737 Thompson
 Q2738 Sagers Flat
 Q2739 White House
 Q2740 Cisco
 Q2741 Big Triangle
 Q2742 Marble Canyon

2800-----

Q2802 Needle Point
 Spring
 Q2803 Cedar Pass

Q2804 Big Jensen Pass
 Q2805 Middle Mountain
 Q2806 Crystal Peak
 Q2807 Warm Point
 Q2808 Red Tops
 Q2809 Sevier Lake SW
 Q2810 Headlight Mtn.
 Q2811 Cat Canyon
 Q2812 Cruz
 Q2813 Black Point
 Q2814 Sixmile Point
 Q2815 Kanosh
 Q2816 Sunset Peak
 Q2817 White Pine Peak
 Q2818 Richfield
 Q2819 Sigurd
 Q2820 Rex Reservoir
 Q2821 Gooseberry Creek
 Q2822 Yogo Creek
 Q2823 Old Woman
 Plateau
 Q2824 Walker Flat
 Q2825 Mesa Butte
 Q2826 Big Bend Draw
 Q2827 Copper Globe
 Q2828 San Rafael Knob
 Q2829 Twin Knolls
 Q2830 Arsons
 Q2831 Greasewood Draw
 Q2832 Horse Bench West
 Q2833 Horse Bench East
 Q2834 Green River SE
 Q2835 Dee Pass
 Q2836 Valley City
 Q2837 Klondike Bluffs
 Q2838 Mollie Hogans
 Q2839 Cisco SW
 Q2840 Dewey
 Q2841 Blue Chief Mesa
 Q2842 Steamboat Mesa

2900-----

Q2902 Tweedy Wash
 Q2903 Mormon Gap
 Q2904 Tunnel Spring

Q2905 Pine Val. Hardpan
 N
 Q2906 Grassy Cove
 Q2907 Fifteenmile Point
 Q2908 Brown Knoll
 Q2909 Iron Mine Pass
 Q2910 Red Rock Knoll
 Q2911 Black Rock
 Q2912 Antelope Spring
 Q2913 Antelope Valley
 Q2914 Dog Valley Peak
 Q2915 Red Ridge
 Q2916 Joseph Peak
 Q2917 Elsinore
 Q2918 Annabella
 Q2919 Water Creek
 Canyon
 Q2920 Boobe Hole
 Reservoir
 Q2921 Mt Terrill
 Q2922 Hilgard Mtn
 Q2923 Johns Peak
 Q2924 Willow Springs
 Q2925 Mussentuchit Flat
 Q2926 Ireland Mesa
 Q2927 Tomsich Butte
 Q2928 Horse Valley
 Q2929 Temple Mtn
 Q2930 Old Woman wash
 Q2931 Crows Nest Spring
 Q2932 Spring Canyon
 Q2933 Moonshine Wash
 Q2934 Tenmile Point
 Q2935 Dubinky Wash
 Q2936 Jug Rock
 Q2937 Merrimac Butte
 Q2938 The Windows
 Section
 Q2939 Big Bend
 Q2940 Fisher Towers
 Q2941 Fisher Valley
 Q2942 Dolores Point
 North

3000 -----

Q3002 Miller Wash

Q3003 Mtn. Home Pass
 Q3004 Halfway Summit
 Q3005 Pine Val. Hardpan
 S
 Q3006 Wah Wah Summit
 Q3007 Wah Wah Cove
 Q3008 Frisco Peak
 Q3009 High Rock
 Q3010 Lime Mountain
 Q3011 Read
 Q3012 Pinnacle Pass
 Q3013 Cinder Crater
 Q3014 Cove Fort
 Q3015 Trail Mountain
 Q3016 Marysville Canyon
 Q3017 Antelope Range
 Q3018 Monroe Peak
 Q3019 Koosharem
 Q3020 Burrville
 Q3021 Fish Lake
 Q3022 Forsyth Reservoir
 Q3023 Geyser Peak
 Q3024 Solomons Temple
 Q3025 Salvation Creek
 Q3026 The Frying Pan
 Q3027 Hunt Draw
 Q3028 Little Wild Horse
 Mesa
 Q3029 Goblin Valley
 Q3030 Gilson Butte
 Q3031 The Flat Tops
 Q3032 Jacks Knob
 Q3033 Keg Knoll
 Q3034 Bowknot Bend
 Q3035 Mineral Canyon
 Q3036 The Knoll
 Q3037 Gold Bar Canyon
 Q3038 Moab
 Q3039 Rill Creek
 Q3040 Warner Lake
 Q3041 Mount Waas
 Q3042 Dolores Point S

3100-----

Q3102 Hamlin Well
 Q3103 Lopers Spring

Q3104 Sawtooth Peak
 Q3105 Lamerdorf Peak
 NW
 Q3106 Sewing Machine
 Pass
 Q3107 Wallaces Peak
 Q3108 Frisco
 Q3109 Milford NE
 Q3110 Milford
 Q3111 Ranch Canyon
 Q3112 Bearskin Mountain
 Q3113 Gillies Hill
 Q3114 Pole Mountain
 Q3115 Mount Belknap
 Q3116 Mount Brigham
 Q3117 Marysvale
 Q3118 Marysvale Peak
 Q3119 Greenwich
 Q3120 Abes Knoll
 Q3121 Loa
 Q3122 Lyman
 Q3123 Flat Top
 Q3124 Cathedral
 Mountain
 Q3125 Fruita NW
 Q3126 Caine Springs
 Q3127 Factory Butte
 Q3128 Skyline Rim
 Q3129 The Notch
 Q3130 Point Of Rocks
 West
 Q3131 Point Of Rocks
 East
 Q3132 Whitbeck Knoll
 Q3133 Sugarloaf Butte
 Q3134 Horsethief Canyon
 Q3135 Upheaval Dome
 Q3136 Musselman Arch
 Q3137 Shafer Basin
 Q3138 Through Springs
 Cyn
 Q3139 Kane Springs
 Q3140 Mount
 Tukuhnikivat
 Q3141 Mount Peale
 Q3142 Buckeye Reservoir

3200-----
 Q3202 Gleason Basin
 Q3203 Miners Cabin
 Wash
 Q3204 Buckhorn Spring
 Q3205 Pine Grove
 Reservoir
 Q3206 Lamerdorf Peak
 Q3207 Frisco SW
 Q3208 White Mountain
 Q3209 Picacho Peak
 Q3210 Milford Flat
 Q3211 Cave Canyon
 Q3212 Adamsville
 Q3213 Beaver
 Q3214 Black Ridge
 Q3215 Shelly Baldy Peak
 Q3216 Delano Peak
 Q3217 Piute Reservoir
 Q3218 Malmsten Peak
 Q3219 Parker Knoll
 Q3220 Jakes Knoll
 Q3221 Moroni Peak
 Q3222 Bicknell
 Q3223 Torrey
 Q3224 Twin Rocks
 Q3225 Fruita
 Q3226 Caineville
 Q3227 Town Point
 Q3228 Steamboat Point
 Q3229 Hanksville
 Q3230 Angel Cove
 Q3231 Angels Point
 Q3232 Robbers Roost
 Flats
 Q3233 Head Spur
 Q3234 Cleopatras Chair
 Q3235 Turks Head
 Q3236 Monument Basin
 Q3237 Lockhart Basin
 Q3238 Eightmile Rock
 Q3239 La Sal Junction
 Q3240 La Sal West
 Q3241 La Sal East
 Q3242 Ray Mesa

3300-----
 Q3302 White Rock Peak
 Q3303 Atchison Creek
 Q3304 Pinto Spring
 Q3305 Observation Knoll
 Q3306 The Tetons
 Q3307 Blue Mountain
 Q3308 Burns Knoll
 Q3309 Thermo
 Q3310 Ninemile Knoll
 Q3311 Minersville
 Q3312 Minersville Res.
 Q3313 Greenville Bench
 Q3314 Kane Canyon
 Q3315 Circleville Mtn
 Q3316 Circleville
 Q3317 Junction
 Q3318 Phonolite Hill
 Q3319 Angle
 Q3320 Flossie Knoll
 Q3321 Smooth Knoll
 Q3322 Government Point
 Q3323 Blind Lake
 Q3324 Grover
 Q3325 Golden Throne
 Q3326 Notom
 Q3327 Stevens Mesa
 Q3328 Dry Lakes Peak
 Q3329 Bull Mountain
 Q3330 Baking Skillet Knoll
 Q3331 Burr Point
 Q3332 The Pinnacle
 Q3333 Gordon Flats
 Q3334 Elaterite Basin
 Q3335 Spanish Bottom
 Q3336 The Loop
 Q3337 North Six-shooter
 pk
 Q3338 Hart Point N
 Q3339 Hatch Rock
 Q3340 Sandstone Draw
 Q3341 Lisbon Valley
 Q3342 Lisbon Gap

3400-----
 Q3402 Rice Mountain

Q3403 Steamboat Mtn.
 SW
 Q3404 Steamboat Mtn.
 Q3405 Bible Spring
 Q3406 Mountain Spring
 Peak
 Q3407 Lund
 Q3408 Latimer
 Q3409 Badger Peak
 Q3410 Baboon Peak
 Q3411 Dry Willow Peak
 Q3412 Jack Henry Knoll
 Q3413 Buckhorn Flat
 Q3414 Burnt Peak
 Q3415 Fremont Pass
 Q3416 Bull Rush Peak
 Q3417 Mt Dutton
 Q3418 Deep Creek
 Q3419 Antimony
 Q3420 Pollywog Lake
 Q3421 Big Lake
 Q3422 Jacobs Reservoir
 Q3423 Deer Creek Lk
 Q3424 Lower Bowns Res
 Q3425 Bear Canyon
 Q3426 Sandy Creek
 Benches
 Q3427 Steele Butte
 Q3428 Mount Ellen
 Q3429 Raggy Canyon
 Q3430 Turkey Knob
 Q3431 Stair Canyon
 Q3432 Fiddler Butte
 Q3433 Clearwater Canyon
 Q3434 Teapot Rock
 Q3435 Cross Canyon
 Q3436 Druid Arch
 Q3437 South Six-shooter
 Pk
 Q3438 Hart Point S
 Q3439 Photograph Gap
 Q3440 Church Rock
 Q3441 Sop Canyon
 Q3442 Summit Point

3500-----
 Q3502 Deer Lodge
 Canyon
 Q3503 Eightmile Spring
 Q3504 Bannion Spring
 Q3505 Beryl
 Q3506 Zane
 Q3507 Avon N W
 Q3508 Avon
 Q3509 Enoch N W
 Q3510 Enoch N E
 Q3511 Parowan Gap
 Q3512 Paragonah
 Q3513 Cottonwood Mtn
 Q3514 Little Creek Peak
 Q3515 Panguitch Nw
 Q3516 Blind Spring Mtn.
 Q3517 Adams Head
 Q3518 Cow Creek
 Q3519 Grass Lakes
 Q3520 Barker Reservoir
 Q3521 Posy Lake
 Q3522 Roger Peak
 Q3523 Boulder Town
 Q3524 Steep Creek Bench
 Q3525 Lamp Stand
 Q3526 Bitter Creek Divide
 Q3527 Cave Flat
 Q3528 Mount Pennell
 Q3529 Cass Creek Pk
 Q3530 Black Table
 Q3531 Hite North
 Q3532 Sewing Machine
 Q3533 Bowdie Canyon
 West
 Q3534 Bowdie Canyon
 East
 Q3535 Fable Valley
 Q3536 House Park Butte
 Q3537 Cathedral Butte
 Q3538 Shay Mountain
 Q3539 Monticello Lake
 Q3540 Monticello North
 Q3541 Eastland NW
 Q3542 Piute Knoll

3600-----
 Q3602 Prohibition Flat
 Q3603 Modena
 Q3604 Heist
 Q3605 Yale Crossing
 Q3606 Clark Farm
 Q3607 Antelope Peak
 Q3608 Avon SE
 Q3609 The Three Peaks
 Q3610 Enoch
 Q3611 Summit
 Q3612 Parowan
 Q3613 Red Creek
 Reservoir
 Q3614 Fivemile Ridge
 Q3615 Panguitch
 Q3616 Casto Canyon
 Q3617 Flake Mtn. West
 Q3618 Flake Mtn. East
 Q3619 Sweetwater Creek
 Q3620 Griffin Point
 Q3621 Wide Hollow
 Reservoir
 Q3622 Escalante
 Q3623 Calf Creek
 Q3624 King Bench
 Q3625 Bitumen Mesa
 Q3626 Wagon Box Mesa
 Q3627 The Post
 Q3628 Ant Knoll
 Q3629 Copper Creek
 Benches
 Q3630 Mount Holmes
 Q3631 Hite South
 Q3632 Copper Point
 Q3633 Indian Head Pass
 Q3634 Black Steer
 Canyon
 Q3635 Warren Canyon
 Q3636 Poison Canyon
 Q3637 Chippean Rocks
 Q3638 Mount Linnaeus
 Q3639 Abajo Peak
 Q3640 Monticello south
 Q3641 Eastland
 Q3642 Northdale

3700-----

Q3702 Uvada
 Q3703 Mount Escalante
 Q3704 Pinon Point
 Q3705 Beryl Junction
 Q3706 Newcastle
 Q3707 Silver Peak
 Q3708 Desert Mound
 Q3709 Cedar City NW
 Q3710 Cedar City
 Q3711 Flanigan Arch
 Q3712 Brian Head
 Q3713 Panguitch Lake
 Q3714 Haycock Mountain
 Q3715 Hatch
 Q3716 Wilson Peak
 Q3717 Bryce Canyon
 Q3718 Tropic Canyon
 Q3719 Pine Lake
 Q3720 Upper Valley
 Q3721 Canaan Creek
 Q3722 Dave Canyon
 Q3723 Tenmile Flat
 Q3724 Red Breaks
 Q3725 Silver Falls Bench
 Q3726 Horse Pasture
 Mesa
 Q3727 Deer Point
 Q3728 Clay Point
 Q3729 Lost Spring
 Q3730 Ticaboo Mesa
 Q3731 Good Hope Bay
 Q3732 Mancos Mesa NE
 Q3733 Jacobs Chair
 Q3734 The Cheesebox
 Q3735 Woodenshoe
 Buttes
 Q3736 Kigalia Point
 Q3737 Cream Pots
 Q3738 Mancos Jim Butte
 Q3739 Blanding North
 Q3740 Devil Mesa
 Q3741 Horsehead Point
 Q3742 Burnt Cabin Crk

3800-----

Q3802 Pine Park
 Q3803 Water Canyon
 Peak
 Q3804 Hebron
 Q3805 Enterprise
 Q3806 Pinto
 Q3807 Page Ranch
 Q3808 Stoddard Mtn
 Q3809 Kanarraville
 Q3810 Cedar Mtn
 Q3811 Webster Flat
 Q3812 Navajo Lake
 Q3813 Henrie Knolls
 Q3814 Asay Bench
 Q3815 George Mtn
 Q3816 Tropic Reservoir
 Q3817 Bryce Point
 Q3818 Cannonville
 Q3819 Henrieville
 Q3820 Canaan Peak
 Q3821 Death Ridge
 Q3822 Carcass Canyon
 Q3823 Seep Flat
 Q3824 Sunset Flat
 Q3825 Egypt
 Q3826 Scorpion Gulch
 Q3827 Stevens Canyon
 North
 Q3828 Hall Mesa
 Q3829 Bullfrog
 Q3830 Knowles Canyon
 Q3831 Mancos Mesa
 Q3832 Chocolate Drop
 Q3833 Fry Spring
 Q3834 Moss Back Butte
 Q3835 Kane Gulch
 Q3836 South Long Point
 Q3837 Hotel Rock
 Q3838 Black Mesa Butte
 Q3839 Blanding South
 Q3840 Bradford Canyon
 Q3841 Bug Canyon
 Q3842 Papoose Canyon

3900-----

Q3902 Docs Pass
 Q3903 Goldstrike
 Q3904 Maple Ridge
 Q3905 Central West
 Q3906 Central East
 Q3907 Grass Valley
 Q3908 New Harmony
 Q3909 Kolob Arch
 Q3910 Kolob Reservoir
 Q3911 Cogswell Point
 Q3912 Straight Canyon
 Q3913 Strawberry Point
 Q3914 Long Valley
 Junction
 Q3915 Alton
 Q3916 Podunk Creek
 Q3917 Rainbow Point
 Q3918 Bull Valley Gorge
 Q3919 Slickrock Bench
 Q3920 Butler Valley
 Q3921 Horse Mtn
 Q3922 Petes Cove
 Q3923 Collet Top
 Q3924 Basin Canyon
 Q3925 Big Hollow Wash
 Q3926 King Mesa
 Q3927 Stevens Canyon
 South
 Q3928 The Rincon NE
 Q3929 Halls Crossing
 Q3930 Halls Crossing NE
 Q3931 Burnt Spring
 Q3932 Clay Hills
 Q3933 Red House Spring
 Q3934 Pollys Pasture
 Q3935 Cedar Mesa North
 Q3936 Snow Flat Spr.
 Cave
 Q3937 Bluff NW
 Q3938 No-Mans Island
 Q3939 Big Bench
 Q3940 Mc Cracken Spring
 Q3941 Hatch Trading Post
 Q3942 Ruin Point

4000-----

Q4002 Dodge Spring
 Q4003 Motoqua
 Q4004 Gunlock
 Q4005 Veyo
 Q4006 Saddle Mountain
 Q4007 Signal Peak
 Q4008 Pintura
 Q4009 Smith Mesa
 Q4010 The Guardian
 Angels
 Q4011 Temple Of
 Sinawava
 Q4012 Clear Creek
 Mountain
 Q4013 Orderville
 Q4014 Glendale
 Q4015 Bald Knoll
 Q4016 Skutumpah Creek
 Q4017 Deer Spring Point
 Q4018 Deer Range Point
 Q4019 Calico Peak
 Q4020 Horse Flat
 Q4021 Fourmile Bench
 Q4022 Ship Mountain
 Point
 Q4023 Needle Eye Point
 Q4024 East Of The
 Navajo
 Q4025 Blackburn Canyon
 Q4026 Sooner Bench
 Q4027 Davis Gulch
 Q4028 The Rincon
 Q4029 Alcove Canyon
 Q4030 Nokai Dome
 Q4031 Mikes Mesa
 Q4032 Whirlwind Draw
 Q4033 Slickhorn Canyon
 West
 Q4034 Slickhorn Canyon
 East
 Q4221 Glen Canyon City
 Q4222 Lone Rock
 Q4223 Warm Creek Bay
 Q4224 Gunsight Butte
 Q4225 Gregory Butte

Q4035 Cedar Mesa South
 Q4036 Cigarette Spr.
 Cave
 Q4037 Bluff SW
 Q4038 Bluff
 Q4039 Recapture Pocket
 Q4040 Montezuma Creek
 Q4041 Navajo Canyon
 Q4042 Wickiup Canyon

4100-----

Q4102 Scarecrow Peak
 Q4103 West Mountain
 Peak
 Q4104 Shivwits
 Q4105 Santa Clara
 Q4106 Washington
 Q4107 Harrisburg Junction
 Q4108 Hurricane
 Q4109 Virgin
 Q4110 Springdale West
 Q4111 Springdale East
 Q4112 The Barracks
 Q4113 Mount Caramel
 Q4114 White Tower
 Q4115 Cutler Point
 Q4116 Pine Point
 Q4117 Nephi Point
 Q4118 Eightmile Pass
 Q4119 Fivemile Valley
 Q4120 Lower Coyote
 Spring
 Q4121 Nipple Butte
 Q4122 Tibbet Bench
 Q4123 Smoky Hollow
 Q4124 Sit Down Bench
 Q4125 Mazuki Point
 Q4126 Navajo Point
 Q4127 Nasja Mesa
 Q4128 Wilson Creek

Q4129 Deep Canyon
 North
 Q4130 No Mans Mesa N
 Q4131 Monitor Butte
 Q4132 Oljeto NE
 Q4133 Goulding NW
 Q4134 Goulding NE
 Q4135 The Goosenecks
 Q4136 Mexican Hat
 Q4137 San Juan Hill
 Q4138 White Rock Point
 Q4139 Hogan Mesa
 Q4140 White Mesa Village
 Q4141 Aneth
 Q4142 Peters Nipple

4200-----

Q4202 Terry Benches
 Q4203 Castle Cliff
 Q4204 Jarvis Peak
 Q4205 White Hills
 Q4206 St George
 Q4207 Washing Dome
 Q4208 The Divide
 Q4209 Little Creek
 Mountain
 Q4210 Smithsonian Butte
 Q4211 Hildale
 Q4212 Elephant Butte
 Q4213 Yellow Jacket
 Canyon
 Q4214 Kanab
 Q4215 Thompson Point
 Q4216 Johnson Lakes
 Q4217 Petrified Hollow
 Q4218 Pine Hollow
 Canyon
 Q4219 West Clark Bench
 Q4220 Bridger Point

Q4226 Cathedral Canyon
Q4227 Rainbow Bridge
Q4228 Navajo Begay
Q4229 Deep Canyon S
Q4230 No Mans Mesa South
Q4231 Jacobs Monument
Q4232 Oljeto
Q4233 Goulding
Q4234 Monument Pass
Q4235 Halgaitoh Spring
Q4236 Mexican Hat SE
Q4237 Moses Rock
Q4238 Boundary Butte
Q4239 Gray Spot Rock
Q4240 White Mesa Village SE
Q4241 Yellow Rock Pt. West
Q4242 Yellow Rock Pt. East

APPENDIX B

QD024 Tile List by USGS NAME

The following is an alphabetical list of each 7.5-minute quadrangle for the state of Utah. Listed for each quadrangle is the USGS designated name and the corresponding SGID tile number.

A-----

Q3639 Abajo Peak
 Q3120 Abes Knoll
 Q2723 Acord Lakes
 Q3517 Adams Head
 Q3212 Adamsville
 Q2641 Agate
 Q2138 Agency Draw NE
 Q2137 Agency Draw NW
 Q4029 Alcove Canyon
 Q1818 Allens Ranch
 Q1632 Altamont
 Q3915 Alton
 Q1532 Altonah
 Q4141 Aneth
 Q3230 Angel Cove
 Q3231 Angel Point
 Q3319 Angle
 Q2918 Annabella
 Q3628 Ant Knoll
 Q1117 Antelope Island
 Q1017 Antelope Island North
 Q1217 Antelope Island
 South
 Q3607 Antelope Peak
 Q3017 Antelope Range
 Q2912 Antelope Spring
 Q2913 Antelope Valley
 Q1931 Anthro Mtn
 Q1932 Anthro Mtn NE
 Q3419 Antimony
 Q2540 Antone Canyon
 Q1310 Aragonite
 Q1309 Aragonite NW
 Q1410 Aragonite SE
 Q1409 Aragonite SW
 Q1939 Archy Bench

Q2040 Archy Bench SE
 Q1305 Arinosa
 Q1306 Arinosa NE
 Q1406 Arinosa SE
 Q1405 Arinosa SW
 Q2830 Arsons Garden
 Q3814 Asay Bench
 Q1522 Aspen Grove
 Q1940 Asphalt Wash
 Q3303 Atchison Creek
 Q2719 Aurora
 Q1828 Avintaquin Canyon
 Q3508 Avon
 Q3507 Avon NW
 Q3608 Avon SE

B-----

Q3839 Blanding South
 Q3410 Baboon Peak
 Q1114 Badger Island
 Q1113 Badger Island NW
 Q3409 Badger Peak
 Q2602 Baker Reservoir
 Q2213 Baker Hot Springs
 Q3330 Baking Skillet Knoll
 Q1218 Bailey's Lake
 Q4015 Bald Knoll
 Q3504 Bannion Spring
 Q2442 Bar X Wash
 Q3520 Barker Reservoir
 Q1307 Barro
 Q3924 Basin Canyon
 Q2139 Bates Knolls
 Q3425 Bear Canyon
 Q0224 Bear Lake North
 Q0324 Bear Lake South
 Q0617 Bear River City

Q3112 Bearskin Mountain
 Q3213 Beaver
 Q2718 Beehive Peak
 Q3505 Beryl
 Q3705 Beryl Junction
 Q3405 Bible Spring
 Q3222 Bicknell
 Q3939 Big Bench
 Q2939 Big Bend
 Q2826 Big Bend Draw
 Q1222 Big Dutch Hollow
 Q2122 Big Hollow
 Q3925 Big Hollow Wash
 Q2305 Big Horseshoe
 Q2804 Big Jensen Pass
 Q3421 Big Lake
 Q2037 Big Pack Mtn
 Q1938 Big Pack Mtn NE
 Q1937 Big Pack Mtn NW
 Q2038 Big Pack Mtn SE
 Q1007 Big Pass
 Q2741 Big Triangle
 Q4221 Big Water
 Q1823 Billies Mtn
 Q1417 Bingham Canyon
 Q0624 Birch Creek
 Reservoirs
 Q1922 Birdseye
 Q3526 Bitter Creek Divide
 Q2542 Bitter Creek Well
 Q0409 Black Butte
 Q2337 Black Knolls
 Q3838 Black Mesa Butte
 Q2522 Black Mountain
 Q2813 Black Point
 Q3214 Black Ridge
 Q2911 Black Rock

Q3634 Black Steer Canyon	Q1131 Bridger Lake	Q2638 Calf Canyon
Q3530 Black Table	Q4220 Bridger Point	Q3623 Calf Creek
Q4025 Blackburn Canyon	Q0618 Brigham City	Q4019 Calico Peak
Q1630 Blacktail Mtn	Q1422 Brighton	Q1905 Callao
Q1340 Blair Basin	Q2908 Brown Knoll	Q1906 Callao NE
Q3739 Blanding North	Q0821 Browns Hole	Q1712 Camels Back Ridge
Q3839 Blanding South	Q2132 Bruin Point	NE
Q3323 Blind Lake	Q3717 Bryce Canyon	Q1711 Camels Back Ridge
Q3516 Blind Spring Mtn	Q3817 Bryce Point	NW
Q0416 Blind Springs	Q2441 Bryson Canyon	Q1811 Camels Back Ridge
Q2633 Blue Castle Butte	Q2039 Buck Camp Canyon	SW
Q2841 Blue Chief Mesa	Q0305 Buck Hollow	Q3721 Canaan Creek
Q0211 Blue Hill	Q1830 Buck Knoll	Q3820 Canaan Peak
Q3307 Blue Mountain	Q3142 Buckeye Reservoir	Q2225 Candland Mountain
Q1633 Bluebell	Q3413 Buckhorn Flat	Q2711 Candland Spring
Q4038 Bluff	Q2528 Buckhorn Reservoir	Q3818 Cannonville
Q3937 Bluff NW	Q3204 Buckhorn Spring	Q3822 Carcass Canyon
Q4037 Bluff SW	Q2604 Buckskin Hills	Q1014 Carrington Island
Q2529 Bob Hill Knoll	Q1016 Buffalo Point	Q0914 Carrington Island NE
Q2535 Bobby Canyon North	Q3841 Bug Canyon	Q0913 Carrington Island NW
Q2635 Bobby Canyon South	Q3329 Bull Mountain	Q1013 Carrington Island SW
Q2537 Bogart Canyon	Q3416 Bull Rush Peak	Q3529 Cass Creek Peak
Q1333 Bollie Lake	Q3918 Bull Valley Gorge	Q4203 Castle Cliff
Q1841 Bonanza	Q3829 Bullfrog	Q2526 Castle Dale
Q1204 Bonneville Racetrack	Q2606 Bullgrass Knoll	Q1025 Castle Rock
Q2920 Boobe Hole	Q0414 Bulls Pass	Q3616 Casto Canyon
Reservoir	Q2703 Burbank Pass	Q2811 Cat Canyon
Q2712 Borden	Q1315 Burmester	Q3537 Cathedral Butte
Q2629 Bottleneck Peak	Q2708 Burnout Canyon	Q4226 Cathedral Canyon
Q0522 Boulder Mtn	Q3308 Burns Knoll	Q3124 Cathedral Mountain
Q3523 Boulder Town	Q3742 Burnt Cabin Crk	Q0822 Causey Dam
Q1817 Boulter Peak	Q1339 Burnt Cabin Gorge	Q3211 Cave Canyon
Q4238 Boundary Butte	Q1432 Burnt Mill Spring	Q3527 Cave Flat
Q0226 Boundary Ridge	Q3414 Burnt Peak	Q2331 Cedar
Q1120 Bountiful Peak	Q3931 Burnt Spring	Q2339 Cedar Camp Canyon
Q0705 Bovine	Q2141 Burnt Timber Canyon	Q3710 Cedar City
Q0806 Bovine SE	Q3331 Burr Point	Q3709 Cedar City NW
Q3534 Bowdie Canyon East	Q3020 Burrville	Q1618 Cedar Fort
Q3533 Bowdie Canyon West	Q2534 Butler Canyon	Q3935 Cedar Mesa North
Q3034 Bowknot Bend	Q3920 Butler Valley	Q4035 Cedar Mesa South
Q2006 Boyd Station	Q0922 Bybee Knoll	Q3810 Cedar Mtn
Q3840 Bradford Canyon		Q2803 Cedar Pass
Q1738 Brennan Basin	C-----	Q2134 Cedar Ridge Canyon
Q3712 Brian Head	Q2024 C Canyon	Q1524 Center Creek
Q1622 Bridal Veil Falls	Q3126 Caine Springs	Q3906 Central East
Q1733 Bridgeland	Q3226 Caineville	Q3905 Central West

Q2406 Chalk Knolls	Q2505 Conger Mountain	Q2423 Danish Knoll
Q2217 Champlin Peak	Q2140 Cooper Canyon	Q3722 Dave Canyon
Q2334 Chandler Falls	Q3629 Copper Creek	Q2142 Davis Canyon
Q1523 Charleston	Benches	Q4027 Davis Gulch
Q1234 Chepeta Lake	Q2827 Copper Globe	Q1713 Davis Knolls
Q2015 Cherry Creek	Q3632 Copper Point	Q2129 Deadman Canyon
Q2322 Chester	Q1214 Corral Canyon	Q1128 Deadman Mountain
Q2336 Chicken Fork	Q0304 Cotton Thomas Basin	Q2704 Deadman Point
Q2530 Chimney Rock	Q3513 Cottonwood Mtn	Q1012 Deardens Knoll
Q3637 Chippean Rocks	Q3014 Cove Fort	Q0502 Death Creek
Q3832 Chocolate Drop	Q3518 Cow Creek	Reservoir
Q2320 Chriss Canyon	Q2429 Cow Flats	Q3821 Death Ridge
Q1228 Christmas Meadows	Q2033 Cowboy Bench	Q2835 Dee Pass
Q3440 Church Rock	Q2405 Cowboy Pass	Q4129 Deep Canyon North
Q4036 Cigarette Spring	Q2306 Coyote Knolls	Q4229 Deep Canyon S
Cave	Q0612 Coyote Point	Q3418 Deep Creek
Q3013 Cinder Crater	Q1912 Coyote Springs	Q1727 Deep Creek Canyon
Q3316 Circleville	Q2412 Crafts Lake	Q3423 Deer Creek Lake
Q3315 Circleville Mtn	Q1224 Crandall Canyon	Q3502 Deer Lodge Canyon
Q2740 Cisco	Q1112 Craner Peak	Q3727 Deer Point
Q2839 Cisco SW	Q2113 Crater Bench	Q4018 Deer Range Point
Q2639 Cisco Springs	Reservoir	Q4017 Deer Spring Point
Q3606 Clark Farm	Q1004 Crater Island	Q3216 Delano Peak
Q0318 Clarkston	Q0903 Crater Island NW	Q1212 Delle
Q1141 Clay Basin	Q1003 Crater Island SW	Q2414 Delta
Q3932 Clay Hills	Q3737 Cream Pots	Q2314 Delta NE
Q2411 Clay Knoll	Q2736 Crescent Junction	Q0406 Dennis Hill
Q3728 Clay Point	Q0510 Crocodile Mtn NE	Q1514 Deseret Peak East
Q4012 Clear Creek	Q0610 Crocodile Mtn SE	Q1513 Deseret Peak West
Mountain	Q3435 Cross Canyon	Q2632 Desert
Q2613 Clear Lake	Q1341 Crouse Reservoir	Q3708 Desert Mound
Q1018 Clearfield	Q1935 Crow Knoll	Q2014 Desert Mtn Pass
Q3433 Clearwater Canyon	Q2931 Crows Nest Spring	Q2114 Desert Mtn Reservoir
Q3234 Cleopatras Chair	Q2812 Cruz	Q0908 Desert Peak
Q2428 Cleveland	Q2806 Crystal Peak	Q3740 Devil Mesa
Q2532 Cliff	Q0310 Curlew Junction	Q2630 Devils Hole
Q1641 Cliff Ridge	Q2032 Currant Canyon	Q1022 Devils Slide
Q1804 Clifton	Q0623 Curtis Ridge	Q2840 Dewey
Q1625 Co-Op Creek	Q0418 Cutler Dam	Q1742 Dinosaur
Q0214 Co-Op Spring	Q4115 Cutler Point	Q1741 Dinosaur NW
Q1123 Coalville		Q1540 Dinosaur Quarry
Q2204 Cockscomb Ridge	D-----	Q3902 Docs Pass
Q2617 Coffee Peak	Q0723 Dairy Ridge	Q4002 Dodge Spring
Q3911 Cogswell Point	Q0602 Dairy Valley	Q2136 Dog Knoll
Q3923 Collet Top	Q2734 Daly	Q2914 Dog Valley Peak
Q2026 Colton	Q2640 Danish Flat	Q2942 Dolores Point North

Q3042 Dolores Point South	Q4024 East Of The Navajo	Q1802 Ferber Peak SE
Q0711 Dolphin Island East	Q1238 East Park Reservoir	Q1502 Ferguson Flat
Q0710 Dolphin Island West	Q0715 East Promontory	Q2625 Ferron
Q1439 Donkey Flat	Q3641 Eastland	Q2524 Ferron Canyon
Q2506 Dowdell Canyon	Q3541 Eastland NW	Q2523 Ferron Reservoir
Q2042 Dragon	Q0222 Egan Basin	Q3432 Fiddler Butte
Q1420 Draper	Q3825 Egypt	Q2907 Fifteenmile Point
Q1421 Dromedary Peak	Q4118 Eightmile Pass	Q2716 Fillmore
Q2730 Drowned Hole Draw	Q3238 Eightmile Rock	Q1109 Finger Ridge
Q3436 Druid Arch	Q3503 Eightmile Spring	Q2135 Firewater Canyon
Q2211 Drum Mts Well	Q3334 Elaterite Basin	North
Q2440 Dry Canyon	Q4212 Elephant Butte	Q2235 Firewater Canyon
Q0403 Dry Canyon	Q1603 Elephant Knoll	South
Mountain	Q1504 Elephant Knoll NE	Q3021 Fish Lake
Q1437 Dry Fork	Q1503 Elephant Knoll NW	Q1908 Fish Springs NE
Q3328 Dry Lakes Peak	Q1604 Elephant Knoll SE	Q1907 Fish Springs NW
Q2531 Dry Mesa	Q1129 Elizabeth Mtn	Q2008 Fish Springs SE
Q1530 Dry Mountain	Q1237 Elk Park	Q2007 Fish Springs SW
Q3411 Dry Willow Peak	Q2328 Elmo	Q2940 Fisher Towers
Q2935 Dubinky Wash	Q2917 Elsinore	Q2941 Fisher Valley
Q2035 Duches Hole	Q2725 Emery East	Q1717 Fivemile Pass
Q1731 Duchesne	Q2724 Emery West	Q3614 Fivemile Ridge
Q1732 Duchesne NE	Q0605 Emigrant Pass	Q4119 Fivemile Valley
Q1832 Duchesne SE	Q3610 Enoch	Q2624 Flagstaff Peak
Q1831 Duchesne SW	Q3510 Enoch NE	Q3618 Flake Mtn East
Q2516 Duggins Creek	Q3509 Enoch NW	Q3617 Flake Mtn West
Q2010 Dugway Pass	Q3805 Enterprise	Q1138 Flaming Gorge
Q1710 Dugway Proving	Q2422 Ephraim	Q3711 Flanigan Arch
Grds NE	Q1326 Erickson Basin	Q1927 Flat Ridge
Q1709 Dugway Proving	Q1914 Erickson Knoll	Q2237 Flat Rock Mesa
Grds NW	Q2013 Erickson Wash SW	Q3123 Flat Top
Q1810 Dugway Proving	Q3622 Escalante	Q2430 Flattop Mtn
Grds SE	Q2603 Eskdale	Q1105 Floating Island
Q1809 Dugway Proving	Q1918 Eureka	Q1106 Floating Island NE
Grds SW	Q1329 Explorer Peak	Q1206 Floating Island SE
Q1910 Dugway Range NE	F-----	Q1205 Floating Island SW
Q1909 Dugway Range NW	Q3535 Fable Valley	Q3320 Flossie Knoll
Q2009 Dugway Range SW	Q3127 Factory Butte	Q2536 Floy Canyon North
Q0921 Durst Mountain	Q2123 Fairview	Q2636 Floy Canyon South
Q1139 Dutch John	Q2124 Fairview Lakes	Q2539 Flume Canyon
Q1915 Dutch Peak	Q1529 Farm Creek Peak	Q1314 Flux
Q1338 Dyer Mountain	Q1119 Farmington	Q2317 Fool Creek Peak
E-----	Q1317 Farnsworth Peak	Q2304 Foote Range
Q1122 East Canyon	Q1715 Faust	Q3022 Forsyth Reservoir
Reservoir	Q1702 Ferber Peak	Q1220 Fort Douglas
		Q1636 Fort Duchesne

Q2121 Fountain Green
North
Q2221 Fountain Green
South
Q4021 Fourmile Bench
Q1233 Fox Lake
Q1424 Francis
Q0924 Francis Canyon
Q0220 Franklin
Q0916 Fremont Island
Q1015 Fremont Island SW
Q3415 Fremont Pass
Q3108 Frisco
Q3008 Frisco Peak
Q3207 Frisco SW
Q3225 Fruita
Q3125 Fruita NW
Q1728 Fruitland
Q3833 Fry Spring
Q2212 Fumarole Butte
Q2118 Furner Ridge

G-----

Q2303 Gandy
Q2403 Gandy SW
Q0323 Garden City
Q1331 Garfield Basin
Q2702 Garrison
Q3815 George Mtn
Q1902 Georgetta Ranch
Q3023 Geyser Peak
Q1132 Gilbert Peak NE
Q3113 Gillies Hill
Q3030 Gilson Butte
Q1933 Gilsonite Draw
Q3202 Gleason Basin
Q4014 Glendale
Q3029 Goblin Valley
Q1704 Gold Hill
Q1506 Gold Hill 1 NE
Q1505 Gold Hill 1 NW
Q1606 Gold Hill 1 SE
Q1605 Gold Hill 1 SW
Q1706 Gold Hill 4 NE
Q1705 Gold Hill 4 NW
Q1806 Gold Hill 4 SE

Q1805 Gold Hill 4 SW
Q3037 Gold Bar Canyon
Q0614 Golden Spike
Monument
Q3325 Golden Throne
Q3903 Goldstrike
Q3731 Good Hope Bay
Q2821 Gooseberry Creek
Q3333 Gordon Flats
Q1919 Goshen
Q1718 Goshen Pass
Q1819 Goshen Valley North
Q1903 Goshute
Q1904 Goshute Canyon
Q1140 Goslin Mtn
Q4233 Goulding
Q4134 Goulding NE
Q4133 Goulding NW
Q3322 Government Point
Q1104 Graham Peak
Q1428 Granddaddy Lake
Q1723 Granger Mtn
Q2205 Granite Mountain
Q1708 Granite Peak
Q1707 Granite Peak NW
Q1808 Granite Peak SE
Q1807 Granite Peak SW
Q1415 Grantsville
Q3519 Grass Lakes
Q3907 Grass Valley
Q2431 Grassy
Q2906 Grassy Cove
Q1110 Grassy Mountains
Q1928 Gray Head Peak
Q4239 Gray Spot Rock
Q1209 Grayback Hills
Q2831 Greasewood Draw
Q2733 Green River
Q2834 Green River SE
Q3313 Greenville Bench
Q3119 Greenwich
Q4225 Gregory Butte
Q3620 Griffin Point
Q0808 Groome
Q0503 Grouse Creek
Q3324 Grover

Q0215 Grover Canyon
Q4004 Gunlock
Q2520 Gunnison
Q0812 Gunnison Island
Q0712 Gunnison Island NE
Q0811 Gunnison Island SW
Q4224 Gunsight Butte

H-----

Q2527 Hadden Holes
Q3004 Halfway Summit
Q3828 Hall Mesa
Q3929 Halls Crossing
Q3930 Halls Crossing NE
Q3102 Hamlin Well
Q1634 Hancock Cove
Q3229 Hanksville
Q1528 Hanna
Q2415 Harding
Q0622 Hardware Ranch
Q2541 Harley Dome
Q4107 Harrisburg Junction
Q3338 Harts Point N
Q3438 Harts Point S
Q1311 Hastings Pass
Q1312 Hastings Pass NE
Q1412 Hastings Pass SE
Q3715 Hatch
Q2735 Hatch Mesa
Q3339 Hatch Rock
Q3941 Hatch Trading Post
Q3714 Haycock Mountain
Q1328 Hayden Peak
Q2519 Hayes Canyon
Q3233 Head Spur
Q2810 Headlight Mtn
Q1423 Heber City
Q1525 Heber Mountain
Q3804 Hebron
Q1024 Heiners Creek
Q3604 Heist
Q2623 Heliotrope Mtn
Q2607 Hell`N Moriah
Canyon
Q1433 Heller Lake

Q2420 Hells Kitchen Canyon
SE

Q2419 Hells Kitchen Canyon
SW

Q2128 Helper

Q0217 Henderson Creek

Q1023 Henefer

Q3813 Henrie Knolls

Q3819 Henrieville

Q2326 Hiawatha

Q1512 Hickman Knolls

Q1225 Hidden Lake

Q3009 High Rock

Q4211 Hildale

Q2922 Hilgard Mtn

Q2413 Hinckley

Q3531 Hite North

Q3631 Hite South

Q4139 Hogan Mesa

Q0609 Hogup Bar

Q0810 Hogup Ridge North

Q0910 Hogup Ridge South

Q2616 Holden

Q2503 Hole In The Ground

Q1133 Hole In The Rock

Q2105 Hole-In-The-Wall Res

Q0518 Honeyville

Q1134 Hoop Lake

Q2627 Horn Silver Gulch

Q2833 Horse Bench East

Q2832 Horse Bench West

Q4020 Horse Flat

Q3921 Horse Mtn

Q3726 Horse Pasture Mesa

Q0823 Horse Ridge

Q2928 Horse Valley

Q3741 Horsehead Point

Q3134 Horsethief Canyon

Q3837 Hotel Rock

Q3536 House Park Butte

Q0415 Howell

Q1342 Hoy Mountain

Q1325 Hoyt Peak

Q3027 Hunt Draw

Q2427 Huntington

Q2224 Huntington Reservoir

Q0820 Huntsville

Q4108 Hurricane

I-----

Q1803 Ibapah

Q2003 Ibapah Peak

Q1435 Ice Cave Peak

Q0814 Indian Cove

Q2004 Indian Farm Creek

Q3633 Indian Head Pass

Q1813 Indian Peaks

Q1913 Indian Springs

Q2023 Indianola

Q0504 Ingham Canyon

Q2926 Ireland Mesa

Q1427 Iron Mine Mountain

Q2909 Iron Mine Pass

Q1441 Island Park

J-----

Q3412 Jack Henry Knoll

Q3032 Jacks Knob

Q0805 Jackson

Q1240 Jackson Draw

Q0702 Jackson Spring

Q3733 Jacobs Chair

Q4231 Jacobs Monument

Q3422 Jacobs Reservoir

Q3220 Jakes Knoll

Q0720 James Peak

Q4204 Jarvis Peak

Q2533 Jenny Canyon

Q1640 Jensen

Q1440 Jensen Ridge

Q2117 Jericho

Q1136 Jessen Butte

Q2732 Jessies Twist

Q2342 Jim Canyon

Q1626 Jimmies Point

Q2424 Joes Valley
Reservoir

Q2923 Johns Peak

Q4216 Johnson Lakes

Q1614 Johnson Pass

Q1442 Jones Hole

Q1929 Jones Hollow

Q1519 Jordan Narrows

Q2916 Joseph Peak

Q2219 Juab

Q0402 Judd Mountain

Q2936 Jug Rock

Q2126 Jump Creek

Q3317 Junction

K-----

Q1324 Kamas

Q4214 Kanab

Q3809 Kanarraville

Q3314 Kane Canyon

Q3835 Kane Gulch

Q3139 Kane Springs

Q2815 Kanosh

Q1019 Kaysville

Q3033 Keg Knoll

Q2012 Keg Mtn Ranch

Q2011 Keg Pass

Q1008 Keller Well

Q0309 Kelton Pass

Q0410 Kelton Pass SE

Q1430 Kidney Lake

Q3736 Kigalia Point

Q0404 Kimbell Creek

Q3624 King Bench

Q3926 King Mesa

Q2706 King Top

Q1232 Kings Peak

Q2837 Klondike Bluffs

Q2504 Knoll Hill

Q1308 Knolls

Q1108 Knolls 2 NE

Q1107 Knolls 2 NW

Q1208 Knolls 2 SE

Q1207 Knolls 2 SW

Q1408 Knolls SE

Q1407 Knolls SW

Q3830 Knowles Canyon

Q3909 Kolob Arch

Q3910 Kolob Reservoir

Q3019 Koosharem

Q2027 Kyune

L-----

Q3241 La Sal East
Q3239 La Sal Junction
Q3240 La Sal West
Q2210 Lady Laird Peak
Q1431 Lake Fork Mtn
Q1436 Lake Mountain
Q0513 Lake Ridge
Q0912 Lakeside
Q0424 Laketown
Q3206 Lamerdorf Peak
Q3105 Lamerdorf Peak NW
Q3525 Lamp Stand
Q0515 Lampo Junction
Q1930 Lance Canyon
Q1536 Lapoint
Q1418 Lark
Q3408 Latimer
Q0426 Leefe
Q1520 Lehi
Q1236 Leidy Peak
Q0807 Lemay
Q0904 Lemay Island
Q1202 Leppy Peak
Q2220 Levan
Q2333 Lighthouse Canyon
Q2332 Lila Point
Q3010 Lime Mountain
Q0316 Limekiln Knoll
Q1720 Lincoln Point
Q2435 Lion Canyon
Q3342 Lisbon Gap
Q3341 Lisbon Valley
Q4209 Little Creek Mountain
Q3514 Little Creek Peak
Q2310 Little Drum Pass
Q2402 Little Horse Canyon
Q3028 Little Wild Horse
Mesa
Q3121 Loa
Q3237 Lockhart Basin
Q0511 Locomotive Springs
Q1816 Lofgreen
Q0520 Logan
Q0521 Logan Peak
Q4222 Lone Rock

Q2510 Long Ridge
Q2509 Long Ridge
Reservoir
Q2610 Long Ridge SE
Q2609 Long Ridge SW
Q3914 Long Valley Junction
Q1814 Lookout Pass
Q3103 Lopers Spring
Q0923 Lost Creek Dam
Q3729 Lost Spring
Q1211 Low
Q1517 Lowe Peak
Q3424 Lower Bowns Res
Q4120 Lower Coyote Spring
Q0803 Lucin
Q0906 Lucin 4 NE
Q0905 Lucin 4 NW
Q1006 Lucin 4 SE
Q1005 Lucin 4 SW
Q0704 Lucin NE
Q0703 Lucin NW
Q3407 Lund
Q3122 Lyman
Q1130 Lyman Lake
Q0405 Lynn Reservoir
Q2216 Lynndyl East
Q2115 Lynndyl NW
Q2215 Lynndyl West

M-----

Q1318 Magna
Q2425 Mahogany Point
Q3218 Malmsten Peak
Q3738 Mancos Jim Butte
Q3831 Mancos Mesa
Q3732 Mancos Mesa NE
Q1137 Manila
Q2421 Manti
Q0719 Mantua
Q2016 Maple Peak
Q3904 Maple Ridge
Q0221 Mapleton
Q2742 Marble Canyon
Q2408 Marjum Pass
Q1336 Marsh Peak
Q3117 Marysvale

Q3016 Marysvale Canyon
Q3118 Marysvale Peak
Q0608 Matlin
Q2028 Matts Summit
Q2621 Mayfield
Q4125 Mazuki Point
Q2515 Mc Cornick
Q3940 Mc Cracken Spring
Q2017 Mc Intyre
Q0825 Mc Kay Hollow
Q0724 Meachum Ridge
Q2715 Meadow
Q0809 Meadow Spring
Q0423 Meadowville
Q1617 Mercur
Q2937 Merrimac Butte
Q2825 Mesa Butte
Q0714 Messix Peak
Q4136 Mexican Hat
Q4236 Mexican Hat SE
Q4235 Mexican Hat SW
Q2631 Mexican Mountain
Q2805 Middle Mountain
Q2106 Middle Range North
Q2206 Middle Range South
Q1419 Midvale
Q4031 Mikes Mesa
Q3110 Milford
Q3210 Milford Flat
Q3109 Milford NW
Q1924 Mill Fork
Q2508 Miller Cove
Q3002 Miller Wash
Q2318 Mills
Q1316 Mills Junction
Q3035 Mineral Canyon
Q0907 Miners Basin
Q3203 Miners Cabin Wash
Q1102 Miners Canyon
Q3311 Minersville
Q3312 Minersville Reservoir
Q2030 Minnie Maud Creek
East
Q2029 Minnie Maud Creek
West
Q1327 Mirror Lake

Q3038 Moab	Q2223 Mount Pleasant	Q0302 Nile Spring
Q3603 Modena	Q1231 Mount Powell	Q3310 Ninemile Knoll
Q2626 Molen	Q3140 Mount Tukuhiwivatz	Q4121 Nipple Butte
Q2838 Mollie Hogans	Q3041 Mount Waas	Q4130 No Mans Mesa North
Q2020 Mona	Q1221 Mountain Dell	Q4230 No Mans Mesa South
Q4131 Monitor Butte	Q1531 Mountain Home	Q3938 No-Mans Island
Q3018 Monroe Peak	Q3003 Mountain Home Pass	Q4030 Nokai Dome
Q0722 Monte Cristo Peak	Q3406 Mountain Spring	Q2404 North Knoll Spring
Q4040 Montezuma Creek	Peak	Q0819 North Ogden
Q3539 Monticello Lake	Q0716 Mouth Of Bear River	Q3337 North Six-shooter
Q3540 Monticello North	Q2717 Mt Catherine	Peak
Q3640 Monticello South	Q3417 Mt Dutton	Q1414 North Willow Canyon
Q3236 Monument Basin	Q0421 Mt Elmer	Q3642 Northdale
Q4234 Monument Pass	Q2921 Mt Terrill	Q2507 Notch Peak
Q0312 Monument Peak NE	Q2005 Mud Lake Reservoir	Q3326 Notom
Q0311 Monument Peak NW	Q0826 Murphy Ridge	Q2036 Nutters Hole
Q0412 Monument Peak SE	Q3136 Musselman Arch	
Q0411 Monument Peak SW	Q2925 Mussentuchit Flat	O-----
Q0512 Monument Point	Q1734 Myton	Q2316 Oak City North
Q3825 Moody Creek SW	Q1834 Myton SE	Q2416 Oak City South
Q1936 Moon Bottom	Q1833 Myton SW	Q3305 Observation Knoll
Q2933 Moonshine Wash		Q1703 Ochre Mountain
Q2335 Moonwater Point	N-----	Q0919 Ogden
Q1021 Morgan	Q0321 Naomi Peak	Q0917 Ogden Bay
Q2903 Mormon Gap	Q1539 Naples	Q0524 Old Canyon
Q2222 Moroni	Q4127 Nasja Mesa	Q2823 Old Woman Plateau
Q3221 Moroni Peak	Q4228 Navajo Begay	Q2930 Old Woman Wash
Q4237 Moses Rock	Q4041 Navajo Canyon	Q4232 Oljeto
Q3834 Moss Back Butte	Q3812 Navajo Lake	Q4132 Oljeto NE
Q4003 Motoqua	Q4126 Navajo Point	Q2329 Olsen Reservoir
Q2330 Mounds	Q2021 Nebo Basin	Q1714 Onaqui Mts South
Q1321 Mount Aire	Q4023 Needle Eye Point	Q1616 Ophir
Q2131 Mount Bartles	Q2709 Needle Point	Q4013 Orderville
Q3115 Mount Belknap	Q2802 Needle Point Spring	Q1621 Orem
Q3116 Mount Brigham	Q2612 Neels	Q1837 Ouray
Q4113 Mount Carmel	Q1534 Neola	Q1838 Ouray SE
Q3428 Mount Ellen	Q1533 Neola NW	Q1330 Oweep Creek
Q1332 Mount Emmons	Q2120 Nephi	
Q3703 Mount Escalante	Q4117 Nephi Point	P-----
Q3630 Mount Holmes	Q0726 Neponset Reservoir	Q2340 P R Spring
Q1239 Mount Lena	NE	Q3807 Page Ranch
Q3638 Mount Linnaeus	Q0725 Neponset Reservoir	Q3615 Panguitch
Q1230 Mount Lovenia	NW	Q3713 Panguitch Lake
Q3141 Mount Peale	Q3908 New Harmony	Q3515 Panguitch NW
Q3528 Mount Pennell	Q3706 Newcastle	Q3842 Papoose Canyon
Q0619 Mount Pisgah	Q0419 Newton	Q0620 Paradise

Q1335 Paradise Park
 Q3512 Paragonah
 Q1835 Pariette Draw SW
 Q1323 Park City East
 Q1322 Park City West
 Q0408 Park Valley
 Q3219 Parker Knoll
 Q3612 Parowan
 Q3511 Parowan Gap
 Q2103 Partoun
 Q2232 Patmos Head
 Q0902 Patterson Pass
 Q2514 Pavant Butte North
 Q2614 Pavant Butte South
 Q1921 Payson Lakes
 Q0824 Peck Canyon
 Q0225 Pegram Creek
 Q1737 Pelican Lake
 Q1620 Pelican Point
 Q0509 Peplin Flats
 Q4142 Peters Nipple
 Q1020 Peterson
 Q3922 Petes Cove
 Q4217 Petrified Hollow
 Q1135 Phil Pico Mtn
 Q3318 Phonolite Hill
 Q3439 Photograph Gap
 Q3209 Picacho Peak
 Q2111 Picture Rock Hills
 Q0804 Pigeon Mountain
 Q1002 Pilot Peak
 Q2130 Pine Canyon
 Q3205 Pine Grove Reservoir
 Q4218 Pine Hollow Canyon
 Q3719 Pine Lake
 Q3802 Pine Park
 Q4116 Pine Point
 Q2239 Pine Spring Canyon
 Q2905 Pine Valley Hardpan
 N
 Q3005 Pine Valley Hardpan
 S
 Q2034 Pinnacle Canyon
 Q3012 Pinnacle Pass
 Q2227 Pinnacle Peak
 Q3704 Pinon Point

Q3806 Pinto
 Q3304 Pinto Spring
 Q4008 Pintura
 Q3625 Pioneer Mesa
 Q3542 Piute Knoll
 Q3217 Piute Reservoir
 Q0818 Plain City
 Q0817 Plain City SW
 Q1215 Plug Peak
 Q1116 Plug Peak NE
 Q1115 Plug Peak NW
 Q1216 Plug Peak SE
 Q3916 Podunk Creek
 Q3131 Point of Rocks East
 Q3130 Point of Rocks West
 Q3636 Poison Canyon
 Q2327 Poison Spring Bench
 Q0815 Pokes Point
 Q0303 Pole Creek
 Q1434 Pole Creek Cave
 Q3114 Pole Mountain
 Q3934 Pollys Pasture
 Q3420 Pollywog Lake
 Q0621 Porcupine Reservoir
 Q1026 Porcupine Ridge
 Q0317 Portage
 Q1121 Porterville
 Q3521 Posy Lake
 Q2512 Pot Mountain
 Q0505 Potters Creek
 Q1213 Poverty Point
 Q2439 Preacher Canyon
 Q2228 Price
 Q3602 Prohibition Flat
 Q0606 Prohibition Spring
 Q0915 Promontory Point
 Q1721 Provo
 Q0616 Public Shooting
 Grounds
 Q1111 Puddle Valley Knolls
 Q2705 Pyramid Knoll

Q-----

Q1411 Quincy Spring

R-----

Q1730 Rabbit Gulch
 Q3429 Raggy Canyon
 Q2214 Rain Lake
 Q2041 Rainbow
 Q4227 Rainbow Bridge
 Q3917 Rainbow Point
 Q3111 Ranch Canyon
 Q1736 Randlett
 Q0525 Randolph
 Q1639 Rasmussen Hollow
 Q1334 Rasmussen Lakes
 Q1627 Raspberry Knoll
 Q2242 Rat Hole Ridge
 Q0314 Rattlesnake Pass
 Q3242 Ray Mesa
 Q1824 Rays Valley
 Q3011 Read
 Q4039 Recapture Pocket
 Q3724 Red Breaks
 Q3613 Red Creek Reservoir
 Q0607 Red Dome
 Q1126 Red Hole
 Q3933 Red House Spring
 Q1229 Red Knob
 Q2410 Red Knolls
 Q2611 Red Pass
 Q2426 Red Point
 Q2915 Red Ridge
 Q2910 Red Rock Knoll
 Q0523 Red Spur Mtn
 Q2808 Red Tops
 Q1740 Red Wash
 Q1739 Red Wash NW
 Q1840 Red Wash SE
 Q1839 Red Wash SW
 Q2620 Redmond
 Q2619 Redmond Canyon
 Q0526 Rex Peak
 Q2820 Rex Reservoir
 Q3402 Rice Mountain
 Q1041 Richards Gap
 Q2818 Richfield
 Q0320 Richmond
 Q0315 Ridgedale Pass
 Q2325 Rilda Canyon

Q3039 Rill Creek	Q2108 Sand Pass NE	Q1812 Simpson Springs
Q1210 Ripple Valley	Q2107 Sand Pass NW	Q4124 Sit Down Bench
Q0417 Riverside	Q2208 Sand Pass SE	Q2814 Sixmile Point
Q3232 Robbers Roost Flats	Q2713 Sand Ridge	Q2102 Skinner Canyon
Q2511 Rocky Knoll	Q3340 Sandstone Draw	Q2319 Skinner Peaks
Q0604 Rocky Pass Peak	Q3426 Sandy Creek	Q2608 Skull Rock Pass
Q3522 Roger Peak	Benches	Q4016 Skutumpah Creek
Q1635 Roosevelt	Q4105 Santa Clara	Q3128 Skyline Rim
Q0407 Rosette	Q1920 Santaquin	Q1226 Slader Basin
Q0308 Rosevere Point	Q1619 Saratoga Springs	Q2019 Slate Jack Canyon
Q1010 Round Mountain	Q3104 Sawtooth Peak	Q4034 Slickhorn Canyon
Q0909 Round Mountain NW	Q4102 Scarecrow Peak	East
Q1009 Round Mountain SW	Q2618 Scipio Lake	Q4033 Slickhorn Canyon
Q0918 Roy	Q2418 Scipio North	West
Q0613 Rozel	Q2517 Scipio Pass	Q3919 Slickrock Bench
Q0713 Rozel Point	Q2518 Scipio South	Q2312 Smelter Knolls East
Q0813 Rozel Point SW	Q2125 Scofield	Q2311 Smelter Knolls West
Q3942 Ruin Point	Q2025 Scofield Reservoir	Q4009 Smith Mesa
Q0507 Runswick Wash	Q3826 Scorpion Gulch	Q0420 Smithfield
Q0508 Russian Knoll	Q2240 Seep Canyon	Q4210 Smithsonian Butte
	Q3823 Seep Flat	Q4123 Smoky Hollow
S-----	Q2637 Sego Canyon	Q3321 Smooth Knoll
Q1916 Sabie Mountain	Q1127 Seven Tree Flat	Q1642 Snake John Reef
Q4006 Saddle Mountain	Q2710 Sevier Lake NE	Q0920 Snow Basin
Q0425 Sage Creek	Q2809 Sevier Lake SW	Q3936 Snow Flat Spring
Q2218 Sage Valley	Q3532 Sewing Machine	Cave
Q2738 Sagers Flat	Q3106 Sewing Machine	Q0313 Snowville
Q0223 Saint Charles	Pass	Q1426 Soapstone Basin
Q1615 Saint John	Q3137 Shafer Basin	Q1926 Soldier Summit
Q1304 Salduro	Q0721 Sharp Mountain	Q1719 Soldiers Pass
Q1404 Salduro SE	Q3538 Shay Mountain	Q3024 Solomons Temple
Q1403 Salduro SW	Q0925 Shearing Corral	Q4026 Sooner Bench
Q2720 Salina	Q0708 Sheep Mountain	Q3441 Sop Canyon
Q1011 Sally Mountain	Q0325 Sheeppen Creek	Q0326 South Lake
Q1219 Salt Lake City North	Q3215 Shelly Baldy Peak	Q3836 South Long Point
Q1319 Salt Lake City South	Q4022 Ship Mountain Point	Q1515 South Mountain
Q1413 Salt Mountain	Q4104 Shivwits	Q3437 South Six-shooter
Q0413 Salt Wells	Q2726 Short Canyon	Peak
Q1118 Saltair NE	Q2727 Sid and Charlie	Q2324 South Tent Mtn
Q3025 Salvation Creek	Q2628 Sids Mountain	Q1941 Southam Canyon
Q0216 Samaria	Q4007 Signal Peak	Q3335 Spanish Bottom
Q1829 Sams Canyon	Q2819 Sigurd	Q1821 Spanish Fork
Q2341 San Arroyo Ridge	Q1303 Silsbee	Q1822 Spanish Fork Peak
Q4137 San Juan Hill	Q3725 Silver Falls Bench	Q2022 Spencer Canyon
Q2828 San Rafael Knob	Q1103 Silver Island Pass	Q1541 Split Mtn
Q2207 Sand Pass	Q3707 Silver Peak	Q2731 Spotted Wolf Canyon

Q0611 Spring Bay SW	Q3133 Sugarloaf Butte	Q0706 Terrace Mountain
Q2932 Spring Canyon	Q2233 Summerhouse Ridge	West
Q2323 Spring City	Q3611 Summit	Q4202 Terry Benches
Q2302 Spring Mountain	Q3442 Summit Point	Q1203 Tetzlaff Peak
Q4111 Springdale East	Q2231 Sunnyside	Q0516 Thatcher Mountain
Q4110 Springdale West	Q2230 Sunnyside Junction	Q0615 Thatcher Mountain
Q1722 Springville	Q3824 Sunset Flat	SW
Q4206 St George	Q0514 Sunset Pass	Q2707 The Barn
Q3431 Stair Canyon	Q2816 Sunset Peak	Q4112 The Barracks
Q2127 Standardville	Q2513 Sunstone Knoll	Q2728 The Blocks
Q0307 Standrod	Q2437 Supply Canyon	Q2525 The Cap
Q2842 Steamboat Mesa	Q2313 Sutherland	Q3734 The Cheesebox
Q3404 Steamboat Mtn	Q1242 Swallow Canyon	Q0212 The Cove
Q3403 Steamboat Mtn SW	Q2308 Swasey Peak	Q2502 The Cove
Q3228 Steamboat Point	Q2307 Swasey Peak NW	Q4208 The Divide
Q3427 Steele Butte	Q2407 Swasey Peak SW	Q3031 The Flat Tops
Q3524 Steep Creek Bench	Q3619 Sweetwater Creek	Q3026 The Frying Pan
Q2234 Steer Ridge Canyon		Q4135 The Goosenecks
Q1438 Steinaker Reservoir	T-----	Q4010 The Guardian Angels
Q2521 Sterling	Q1628 Tabby Mountain	Q2112 The Hogback
Q3827 Stevens Canyon	Q1511 Tabbys Peak	Q3036 The Knoll
North	Q1612 Tabbys Peak SE	Q3336 The Loop
Q3927 Stevens Canyon	Q1611 Tabbys Peak SW	Q3129 The Notch
South	Q2714 Tabernacle Hill	Q3332 The Pinnacle
Q3327 Stevens Mesa	Q1629 Tabiona	Q3627 The Post
Q2721 Steves Mtn	Q1911 Table Mtn	Q4028 The Rincon
Q1516 Stockton	Q1631 Talmage	Q3928 The Rincon NE
Q3808 Stoddard Mountain	Q0709 Tangent Peak	Q2615 The Sink
Q0213 Stone	Q2116 Tanner Creek	Q3306 The Tetons
Q3912 Straight Canyon	Narrows	Q3609 The Three Peaks
Q1827 Strawberry Peak	Q1337 Taylor Mtn	Q2729 The Wickiup
Q1729 Strawberry Pinnacles	Q3434 Teapot Rock	Q2938 The Windows
Q3913 Strawberry Point	Q0802 Tecoma	Section
Q1726 Strawberry Reservoir	Q0422 Temple Peak	Q3309 Thermo
NE	Q2929 Temple Mountain	Q1923 Thistle
Q1725 Strawberry Reservoir	Q4011 Temple of Sinawava	Q2605 Thompson Knoll
NW	Q2338 Tenmile Canyon	Q4215 Thompson Point
Q1825 Strawberry Reservoir	North	Q2737 Thompson Springs
SW	Q2438 Tenmile Canyon	Q2434 Three Fords Canyon
Q1826 Strawberry Reservoir	South	Q4122 Tibbet Bench
SE	Q3723 Tenmile Flat	Q3730 Ticaboo Mesa
Q2315 Strong	Q2934 Tenmile Point	Q1518 Tickville Spring
Q0911 Strong's Knob	Q2538 Teepee Canyon	Q1521 Timpanogos Cave
Q1542 Stuntz Reservoir	Q1613 Terra	Q1313 Timpie
Q1320 Sugar House	Q0707 Terrace Mountain	Q2202 Tin Springs Mountain
Q2119 Sugarloaf	East	Q1917 Tintic Junction

Q2018 Tintic Mountain
 Q2241 Tom Patterson
 Canyon
 Q0603 Toms Cabin Spring
 Q2927 Tomsich Butte
 Q0322 Tony Grove Creek
 Q1416 Tooele
 Q2110 Topaz Mountain East
 Q2209 Topaz Mountain SW
 Q2109 Topaz Mountain
 West
 Q3223 Torrey
 Q3227 Town Point
 Q3015 Trail Mountain
 Q0517 Tremonton
 Q0319 Trenton
 Q3718 Tropic Canyon
 Q3816 Tropic Reservoir
 Q3138 Trough Springs
 Canyon
 Q2104 Trout Creek
 Q2203 Trout Creek SW
 Q1925 Tucker
 Q2904 Tunnel Spring
 Q3430 Turkey Knob
 Q3235 Turks Head
 Q1124 Turner Hollow
 Q2433 Turtle Canyon
 Q2634 Tusher Canyon
 Q2902 Tweedy Wash
 Q2133 Twin Hollow
 Q2829 Twin Knolls
 Q1624 Twin Peaks
 Q3224 Twin Rocks
 Q1724 Two Tom Hill
 Q1429 Tworoose Pass

U-----

Q3135 Upheaval Dome
 Q3720 Upper Valley
 Q1125 Upton
 Q1602 Utah Peak
 Q1836 Uteland Butte
 Q3702 Uvada

V-----

Q2836 Valley City
 Q1538 Vernal NE
 Q1537 Vernal NW
 Q1638 Vernal SE
 Q1637 Vernal SW
 Q1815 Vernon
 Q1716 Vernon NE
 Q4005 Veyo
 Q4109 Virgin

W-----

Q3626 Wagon Box Mesa
 Q3007 Wah Wah Cove
 Q3006 Wah Wah Summit
 Q4207 Washington Dome
 Q0926 Wahsatch
 Q2321 Wales
 Q2824 Walker Flat
 Q2436 Walker Point
 Q3107 Wallaces Peak
 Q1623 Wallsburg Ridge
 Q1842 Walsh Knolls
 Q1223 Wanship
 Q4223 Warm Creek Bay
 Q2807 Warm Point
 Q0506 Warm Spring Hills
 Q3040 Warner Lake
 Q3635 Warren Canyon
 Q1241 Warren Draw
 Q4106 Washington
 Q3803 Water Canyon Peak
 Q2919 Water Creek Canyon
 Q2722 Water Hollow Ridge
 Q2226 Wattis
 Q2002 Weaver Canyon
 Q1942 Weaver Ridge
 Q3811 Webster Flat
 Q2229 Wellington
 Q0519 Wellsville
 Q1302 Wendover
 Q1402 Wendover SE
 Q4219 West Clark Bench
 Q1820 West Mountain
 Q4103 West Mountain Peak
 Q0219 Weston

Q0218 Weston Canyon
 Q2642 Westwater
 Q4032 Whirlwind Draw
 Q2309 Whirlwind Valley NW
 Q2409 Whirlwind Valley SW
 Q0717 Whistler Canal
 Q3132 Whitbeck Knoll
 Q4205 White Hills
 Q2739 White House
 Q4140 White Mesa Village
 Q4240 White Mesa Village
 SE
 Q3208 White Mountain
 Q2817 White Pine Peak
 Q3302 White Rock Peak
 Q4138 White Rock Point
 Q4114 White Tower
 Q1535 Whiterocks
 Q1235 Whiterocks Lake
 Q1227 Whitney Reservoir
 Q4042 Wickiup Canyon
 Q3621 Wide Hollow
 Reservoir
 Q1609 Wig Mountain SW
 Q1610 Wig Mountain
 Q1510 Wig Mountain NE
 Q1509 Wig Mountain NW
 Q1508 Wildcat Mountain
 Q1507 Wildcat Mountain NW
 Q1608 Wildcat Mountain SE
 Q1607 Wildcat Mountain SW
 Q1934 Wilkin Ridge
 Q0718 Willard
 Q0816 Willard Spur
 Q2417 Williams Peak
 Q1142 Willow Creek Butte
 Q2924 Willow Springs
 Q4128 Wilson Creek
 Q3716 Wilson Peak
 Q1735 Windy Ridge
 Q1527 Wolf Creek
 Q1526 Wolf Creek Summit
 Q2236 Wolf Flat
 Q2238 Wolf Point
 Q2031 Wood Canyon
 Q3735 Woodenshoe Buttes

Q1425 Woodland
Q0625 Woodruff
Q0626 Woodruff Narrows
Q2622 Woods Lake
Q2432 Woodside

Y-----

Q3605 Yale Crossing
Q4213 Yellow Jacket
Canyon
Q4242 Yellow Rock Point E
Q4241 Yellow Rock Point W
Q2822 Yogo Creek
Q0306 Yost

Z-----

Q3506 Zan

APPENDIX C

QU100 Tile List by TILE NUMBER

The following is a list of each 30x60-minute quadrangle for the State of Utah. Listed for each quadrangle is the SGID tile number and the corresponding USGS designated name. A map of the QU100 Tile Index is included at the end of Appendix D.

0300-----

Q0302 Jackpot
Q0303 Grouse Creek
Q0311 Tremonton
Q0319 Logan

0700-----

Q0702 Wells
Q0703 Newfoundland Mtns
Q0711 Promontory Point
Q0719 Ogden

1100-----

Q1102 Wendover
Q1103 Bonneville Salt Flat
Q1135 Dutch John
Q1111 Tooele
Q1119 Salt Lake City
Q1127 Kings Peak

1500-----

Q1502 Currie
Q1503 Wildcat Mtn
Q1511 Rush Valley
Q1535 Vernal
Q1519 Provo
Q1527 Duchesne

1900-----

Q1902 Kern Mountains
Q1903 Fish Springs
Q1911 Lynndyl
Q1935 Seep Ridge
Q1919 Nephi
Q1927 Price

2300-----

Q2302 Ely
Q2303 Tule Valley
Q2311 Delta
Q2335 Westwater
Q2319 Manti
Q2327 Huntington

2700-----

Q2702 Garrison
Q2703 Wah Wah Mtns N
Q2711 Richfield
Q2735 Moab
Q2719 Salina
Q2727 San Rafael Desert

3100-----

Q3102 Wilson Creek Range
Q3103 Wah Wah Mtns S
Q3111 Beaver
Q3135 La Sal
Q3119 Loa
Q3127 Hanksville

3500-----

Q3502 Caliente
Q3503 Cedar City
Q3511 Panguitch
Q3535 Blanding
Q3519 Escalante
Q3527 Hite Crossing

3900-----

Q3902 Clover Mtns
Q3903 Saint George
Q3911 Kanab

Q3935 Bluff
Q3919 Smoky Mtn
Q3927 Navajo Mtn

APPENDIX D

QU100 Tile List by USGS NAME

The following is an alphabetical list of each 30x60-minute quadrangle for the state of Utah. Listed for each quadrangle is the USGS designated name and the corresponding SGID tile number. A map of the QU100 Tile Index is included at the end of this appendix.

B-----

Q3111 Beaver
Q3535 Blanding
Q3935 Bluff
Q1103 Bonneville Salt
Flat

C-----

Q3502 Caliente
Q3503 Cedar City
Q3902 Clover Mtns
Q1502 Currie

D-----

Q2311 Delta
Q1527 Duchesne
Q1135 Dutch John

E-----

Q2302 Ely
Q3519 Escalante

F-----

Q1903 Fish Springs

G-----

Q2702 Garrison
Q0303 Grouse Creek

H-----

Q3127 Hanksville
Q3527 Hite Crossing
Q2327 Huntington

J-----

Q0302 Jackpot

K-----

Q3911 Kanab
Q1902 Kern Mountains
Q1127 Kings Peak

L-----

Q3135 La Sal
Q3119 Loa
Q0319 Logan
Q1911 Lynndyl

M-----

Q2319 Manti
Q2735 Moab

N-----

Q3927 Navajo Mtn
Q1919 Nephi
Q0703 Newfoundland
Mtns

O-----

Q0719 Ogden

P-----

Q3511 Panguitch
Q1927 Price
Q0711 Promontory Point
Q1519 Provo

R-----

Q2711 Richfield
Q1511 Rush Valley

S-----

Q3903 Saint George

Q2719 Salina

Q1119 Salt Lake City
Q2727 San Rafael Desert
Q1935 Seep Ridge
Q3919 Smoky Mtn

T-----

Q1111 Tooele
Q0311 Tremonton
Q2303 Tule Valley

V-----

Q1535 Vernal

W-----

Q2703 Wah Wah Mtns N
Q3103 Wah Wah Mtns S
Q0702 Wells
Q1102 Wendover
Q2335 Westwater
Q1503 Wildcat Mtn
Q3102 Wilson Creek
Range

APPENDIX E

QU100 TILE INDEX

Q0495 Twin Falls	Q0503 Lake Walcott	Q0511 Pocatello	Q0519 Soda Springs	Q0527 Afton	Q0535 Pinedale	Q0543 Lander
Q0695 Eggen	Q0603 Oakley	Q0611 Malad	Q0619 Preston	Q0627 Fontenelle Reservoir	Q0635 Pawnee	Q0643 South Park
Q0795 Jackpot	Q0703 Greene Creek	Q0711 Tremonton	Q0719 Logan	Q0727 Kemmerer	Q0735 Rock Springs	Q0743 Red Desert Basin
Q0895 Wall	Q0703 Newland Mountain	Q0711 Promontory Point	Q0719 Ogden	Q0727 Evansville	Q0735 Fishhole Canyon	Q0743 Kinsey Rim
Q1095 Wendover	Q1103 Bonanza Flat	Q1111 Tooele	Q1119 Salt Lake City	Q1127 Kings Peak	Q1135 Dutch John	Q1143 Canyon of Lodore
Q1495 Cannonville	Q1503 Whitcomb Mountain	Q1511 Kush Valley	Q1519 Panguitch	Q1527 Duchesne	Q1535 Vernal	Q1543 Rangely
Q1895 Kam Mountain	Q1903 Fish Springs	Q1911 Lynnhill	Q1919 Nephi	Q1927 Panguitch	Q1935 Sheep Ridge	Q1943 Douglas Park
Q2295 Ely	Q2303 Tule Valley	Q2311 Delta	Q2319 Manti	Q2327 Huntington	Q2335 Wendover	Q2343 Grand Junction
Q2495 Garrison	Q2703 Wah Wah Mountain North	Q2711 Richfield	Q2719 Salina	Q2727 San Rafael Desert	Q2735 Moab	Q2743 Delta
Q3095 Wilson Creek Range	Q3103 Wah Wah Mountain South	Q3111 Beaver	Q3119 Lea	Q3127 Hatchville	Q3135 La Sal	Q3143 Hatch
Q3495 Cannonville	Q3503 Cedar City	Q3511 Panguitch	Q3519 Escalante	Q3527 Hite Crossing	Q3535 Blanding	Q3543 Dove Creek
Q3895 Clover Mountain	Q3903 Saint George	Q3911 Kane	Q3919 Smoky Mountain	Q3927 Navajo Mountain	Q3935 Bluff	Q3943 Cortez
Q4295 Cannonville	Q4303 Littlefield	Q4311 Panguitch	Q4319 Glen Canyon Dam	Q4327 Kaysville	Q4335 Rock Point	Q4343 Farmington
Q4495 Lake Mead	Q4703 Mount Trumbull	Q4711 Grand Canyon	Q4719 Tuba City	Q4727 Pine	Q4735 Canyon De Chelly	Q4743 Tucson
Q5095 Boulder City	Q5103 Peach Springs	Q5111 Vail	Q5119 Cameron	Q5127 Panguitch	Q5135 Garden	Q5143 Gallup

LIST OF CONTENTS OF NON-SGID DIRECTORIES

10-METER DEM/ - 10 METER DIGITAL ELEVATION MODELS

Listed by Ohio Codes - Refer to README file for correct code.

30-METER DEM/ - 30 METER DIGITAL ELEVATION MODELS

Listed by Ohio Codes - Refer to README file for correct code.

90-METER DEM/ - 90 METER DIGITAL ELEVATION MODELS

Listed by Ohio Codes - Refer to README file for correct code.

DOQs - DIGITAL ORTHOGRAPHIC PHOTOS

Listed by four areas of the state, using the 7.5-minute quadrangle index tile number. Refer to README file for the correct area and tile number.

COL_PLAT

This directory holds data from the Colorado Plateau Atlas.

LEGEND FILES

This directory holds .avl legend files which can be used with different layers found in the SGID. These layers include Administrative Ownership and Land Status (AOLSA), Roads (TRRDS), Water Bodies (HDWBO), and Water Courses (HDWCO). The legends are coded so that the scale of the layers is written into the name of the .avl file.

Misc.

This directory is where different layers are found that are of a special size than are found on in the general SGID. This area is often used for special ordered data.

PROJECTION FILES

This directory contains projection files to be used with the PROJECT command in Arc/Info. They are for converting from stateplane to UTM and from UTM to stateplane, in the three-stateplane zones.

QGET

This directory contains many of the major layers clipped to the area of the Envision Utah study area. QGET is the Quality Growth Environment Tools. The layers found here have been used in the studies performed for Envision Utah.

SGID

This is the directory with all the SGID data. Under the directory you will find the directories referred to in this Users' Guide under the heading of "SGID Directory."

SGID BY COUNTY

This directory contains directories for each of the counties. Inside these directories there are export files of the frequently asked for coverages found in the QD024, 1:24,000 directory. The QD024 files are clipped in 7.5-minute quadrangles. The AGRC has taken the full state coverages and clipped to the county boundaries for your convenience. There is also the AOLSA, Administrative Ownership and Land Status, 1:100,000 clipped to the county boundaries. This coverage is frequently asked for; therefore, it is included in this area even though it is not at the scale 1:24,000.

STATE_24000

This directory contains statewide export files of all coverages found in QD024.

STATEWIDE

This directory contains statewide coverages most frequently requested. These are at different scales.

SYMBOLS

These are export files that contain special line, marker, shade and text files developed for use with SGID coverages.

WILDERNESS

This directory contains export files of wilderness areas throughout the State.